SEQUENCE LISTING

<110> Salceda, Susana
Macina, Roberto
Recipon, Herve
Cafferkey, Robert
Ali, Shujath
Sun, Yongming
Liu, Chenghua

<120> Compositions and Methods Relating to Prostate Specific Genes and Proteins

<130> DEX-0281

<150> 60/252,188
<151> 2000-11-21

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caagaatgtt ttgtagtttt aagttacatg ttttttgccc tcttaagttt attcttatgc 480

tattttatcc tttttcatgt attatagata aaattgtttt cttatttgtg atagttaatg 540

gttactctat agaaatgtaa ttaatttttg ctgatttttg tatcctgaaa ttttgcttaa 600

ttttgttggc tctaacagtt tttgtgtgtg tgcatgtatg tcagagatat cattaaggtt 660

ttctatgtat attatcaggt catctgtgaa caaaaaataa ttttacttct ttatttctta 720

tttggatgca ttttgttcct tttttttttct tttgcctaac tgctccagcc agacttccag 780

tacctgccca aacgaattgc agcacactgc gccgtatatc gatcgggctc tcc 833

<210> 30
<211> 707
<212> DNA
<213> Homo sapien

<400> 30
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gattaacatc tctccctccc gaaccttcgc cgggcggcgc cgtcctcaaa cgccagaatc 180

ccagacacca atgggcgcgc gtacttatat gtgcactcca gacgcgtcgg acacaaacct 240

ttgaataaca tcttgtcaca tacgtgttgt cccatggagt aaatagggtt cctcgcggct 300

ctcacaaatc ctccacgacc aacttccgag agcaacgcgg gaagcgcgag ggaagacgac 360

gaggagcagg gacgagagcg gccgcgcaga gagccggagg ccgggcggcg acggagacgg 420

cgagcgcgag agacggaggg gagaggagga agacggggcg cgcgcgcgga gagagcgagc 480

ggcgcgacga ggaggaggag gaggagggga gggggagcgg ggagagcggg gggcgggaga 540

gagggagcag ggggagagaa gaggggagga ggcaggagag acggggaaga gggcaggaag 600

cgaagagaga gagaagaaga ggaacagagg ggaagagcga gagggagcga gaggcgggag 660

aggcaggggg caacgacgag agggaacgag gaggcgaaga agagcga 707

<210> 31
<211> 264
<212> DNA
<213> Homo sapien

<400> 31
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tgaggatttg tattctcgaa tatttttcta atttcagcac tagatgcttc aaaatccaga 120

ccttgagcta atttagatgc cccaagtaag ctgatgtggt attctaatgg tgtgatgact 180

tcccttatta aaacaacttt aaaatgctgc gtgtttatgt aactcgggcc cgaacacgct 240

aagccgaatt tcaggcacac tggg 264

<210> 32
<211> 349
<212> DNA
<213> Homo sapien

<400> 32
ccatgtttca tttcagcacc gacctgagaa aaagaaacat taggttctct caggataagt 60

atatggtttg aacaagtccc acaggaggtt ctgacatgaa ctacatctcc tccagggaaa 120

ggcttcataa aaggggtggc aattaagtaa ttaagctggg ctggaaaggt gaagtggatt 180

ttaactggta tagggagata aagcataaca ggctaaaggc acttcatgga aaaaggcagg 240

gagaagaaag cgggttgccc tttggaagaa cagcagatat accaggatgg ctgaggttag 300

atagtgtagg gccttaaatg acgtaataaa gaattgcaaa agtacctgc 349

<210> 33
<211> 482
<212> DNA
<213> Homo sapien

<400> 33
caagctttat gactgcttca acaattacaa tgtgatggaa atgatgtttt ttatgccttt 60

tgatattagg gtgtaaaaac tgatgtagtt tctgtctggc tttgaagaga ctatagaaaa 120

agaccagata aagccagcaa agaagtgctt cacggaagtc ccacgttttt cctggtccat 180

caacttggtt tgattttcta agttttaggc aattgatggg taattcagag aggcttcaga 240

agatttaagg cacggccatg gtctcactgc aactgcctga gagaatttaa gcaaaaatca 300

cctagctaaa ccaaccagtt cttagaacta tgacgagtaa taaatacgta tttgttttgc 360

cactaagttc tgtggtggta tgttacacag caataataac tggaaaatat cttgatatct 420

gacagaggag taatgccata acaaaaacat aaacatgtag aagtaatgtt aggacaaggg 480

aa 482

<210> 34
<211> 418
<212> DNA
<213> Homo sapien

<400> 34
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gatgaagagt ataaggtaga aagggaatgc agagttgagg atccaggaaa tgacttagtt 120

ccagaacaag ggtttttgaa tctgagcaga agctcaatta tcagagaact aaggcatgac 180

tctaggacca ttcttaggat aacagcattg atcctgagtc acctgcatgt tggaaaaggg 240

cctatttaaa tgcctcatgt ttaaggtctc cattgaacct ggagattacc cagatgtgca 300

ggtggagatt agccagagca ggatttgcag gtggggttaa agtcatcctt ggaagggatg 360

ggtctgaaca tttgagaact ctgacacttt atagactatt attgataata ttaaaagt 418

<210> 35
<211> 459
<212> DNA
<213> Homo sapien

<400> 35
gctttcgagc ggccgcccgg gcaggtactg tgacttgaat acctgtcagt aatgaggaaa 60

gggaaaggag aactgggatg aagagtataa ggtagaaagg gaatgcagag ttgaggatcc 120

aggaaatgac ttagttccag aacaagggtt tttgaatctg agcagaagct caattatcag 180

agaactaagg catgactcta ggaccattct taggataaca gcattgatcc tgagtcacct 240

gcatgttgga aaagggccta tttaaatgcc tcatgtttaa ggtctccatt gaacctggag 300

attacccaga tgtgcaggtg gagattagcc agagcaggat ttgcaggtgg ggttaaagtc 360

atccttggaa gggatgggtc tgaacatttg agaactctga cactttatag actattattg 420

ataatattaa aagtacctcg gccgcgacca cgctaagcc 459

<210> 36
<211> 372
<212> DNA
<213> Homo sapien

<400> 36
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ttaattttta tatttcaaaa ctttactaag aaagttttca aatatatgga agattttaag 120

gaattacaca gtgagcagta atacagccta cctagatcct accattaaca ttggttatct 180

ttgctttatc acatgtctat tcattcttct gccagtatat caatccatct tattttctga 240

tacattttaa agtagatgca gacatcagta aacatttaag ctccttatca ttatcagtgt 300

tttaatattt atttgtaggt ttcttttcta ggtaaaattt gcataaagta acgaattgca 360

taattcaagt gt 372

<210> 37
<211> 486
<212> DNA
<213> Homo sapien

<400> 37
acacaatctc tggcttaatt ggttttggtg gaaccgaatg gggtcattcc aatgtggcca 60

ttattgtctt ttatgaacat atacaacaaa gtaatatacc tttacataat gtctacatct 120

ctactgtaat ttaaacttta atggctcaaa aatgctaaat tacaaaatag agaaagatgt 180

gtgttaaatg cagattaata taatttaaat aatattatat ataataagga tttgtaaaac 240

ttaaccatta agatggatag atgagaaaga tagaaaccta gaatacaaca ctagaaaatc 300

tagaaacata gtagagatga gttcaataat tcgattctat ataagaggtc atcaaactac 360

aaagcacaga gctaatcagg ccactgatgc attttggtaa acaaagtttt attagaataa 420

agtgacatcc ttttatttta catattgtgt acggctactt atgcactacg atggcaaata 480

gttggt 486

<210> 38
<211> 920
<212> DNA
<213> Homo sapien

<400> 38
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ataattcatt tatctagcca aagtcatatt aatttggatt cctctccttt cctattgaca 120

cttttgcttc tattttattc cagtgtctta ttattaaacc cagttgttat tgcggaaaat 180

atagtattac tctaataagc ccccaagccc tcctctaaca tatttaatat gaacatatta 240

atcaaatatt gtttagaaac ctctatattt cgggatatac aaaggtgttg tttgatcttc 300

ccatatttcc cctattctct tctgtttgga aacaaccaaa gaaaccagtg tctatatctc 360

tattatatta ggacctatga cgctataaaa atataaacta taccaactat gtatctctgg 420

tatactgcgc tggtatgcgc tatataaaat atctcacaat aacccatatt tctcttccca 480

cgcgcactat ccatgtttta tggggacgct atacaccgcc tattattcta ttgtaaacct 540

ctaacaaata ttcttctaca cacgatgttg gacaaggtct taaaaaccaa aatatgttat 600

gtctgcgtcc tacagaaaat atatgcgctg gtaaatcccc ttttggttat tgtggaccac 660

atctggtaag ctctcacaat ctcctcatcc ccccctacat aattaaattt tctttccagc 720

attgttataa acgcatggtg caagcaactc tgtgtttaac gttcctccat taacccccag 780

ttttacactt gaaaaacttt tgccacttat atacacattg ctcccatttt ttcttataaa 840

caaattactt tcccgggggc ccgtcaaaaa agccgaattc ccaccaccac tggggccgta 900

tcaagtgacc catcttgttc 920

<210> 39
<211> 151
<212> DNA
<213> Homo sapien

<400> 39
aaaaaacaac aaagaatctg aattggattt tttcatctca aaattattgt gtttctcgtt 60

gttcacaatt attcttcgta ggacttataa cttctccttt acacgcaagg cattttcctt 120

ggataccgtg cccgggaggg ccgcttcgaa a 151

<210> 40
<211> 584
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (147)..(472)
<223> a, c, g or t

<400> 40
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tcgaaggcaa aataggagca gtcactagac atggcaaaag cgggagcaag agagcgatgt 120

tgggggcggc gtgctacaca ccttttnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnaa tnaaccaaga 480

caccacagac agacacagcc acagacagca cgagcacaca tagcacacac cacacatcga 540

aggagacaac aaagaagcaa tcgaaacaat tacgaaaaag aaga 584

<210> 41
<211> 427
<212> DNA
<213> Homo sapien

<400> 41
acatgttaac ttatataatt acaatggcaa gtattaataa agtttgggaa caaacacaat 60

aaatcttggt aagcatgctg aactgtgtgg ctgtgtctga aactactaga tgctcctcaa 120

cagccactct agttttctcc tttagtgaca gaccgtgatt cttatcagag cacatttaca 180

atagaaaaat ggttaattct tatgtatgat cctaaactga aaaagaatca tagttattaa 240

tatggcaata gccaaaagaa aactctgcat gagaacgaga taataactac aatgtaataa 300

tttagtcttc tttcaagttg cagggatggg cacattaagg aaccagtatt tttttaatgg 360

gctagaacag aaagcgaagt gtatcatata gaatgacaat aagtaatgct acaagaaatg 420

tttgtgt 427

<210> 42
<211> 331
<212> DNA
<213> Homo sapien

<400> 42
acctgtgaat gtgacttttg gaaatagggt ctttgtagat ataatcaggt taagatgata 60

ggggtgggcc ctcatccaat gtagcttgtg ttctttttct ttttttttct tttggaaaca 120

gtgtctcgcc tctgtcaccc aggccgaagt tccgcagtgg tgcaactctt cggctctcac 180

ttgcaacctc tctgtgcctc tcttgggttt cccacggttt catcattcgc cctcagctct 240

tccttgacat agtttggaat ttacaggttt gcccacacac caccgccaag gattaatatt 300

tcttgtgata atttttatag gctacaacga c 331

<210> 43
<211> 452
<212> DNA
<213> Homo sapien

<400> 43
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acagataata cacagggact gttatgcctt agggatatac ttagagccca acttagtttt 120

cgcaaatgat aaaagcagac ctctcagata tcagcttccc taagaagtct gcgttgatgg 180

agtatacagg cagtttactt ctctgctcag gggataagca agcccccata aaagctgaaa 240

ttaatttatt acaattagtg tcaaagagac acaaggtctc aaaggaaaaa cttctgttct 300

gcccaaaaca agtaagatat ttgggtcccc taatgtcaaa gaaaggtctt tttatcaatc 360

tggatagagt aaaaagaata ttggctttcc tttccccaaa aactaagaaa caaaaatttt 420

aaggttggaa gcatactgca gaaattagat tc 452

<210> 44
<211> 481
<212> DNA
<213> Homo sapien

<400> 44
gcaggtggga agttagcagg tggaaaataa taattgcatc actcagtttt gggaatacta 60

gaaatttgct cctttgacaa gctactcttc tagaattcct ccatgaaagc cagcacaaga 120

tcacatttgg aagtgatgag actcaagcta gtaatgtaat gtcatattat tattttagaa 180

ataataataa tgatggtata atatataata ataaaagtaa cttttcaggt tccagtgtaa 240

agaaaaatac acagttttgt gtaagcttgc attctttaat cacacttcat gagctaatat 300

tttaatgact cctcttggat aataattagc catctcagct ccttacctgt catctgaaaa 360

ctacagtcac agttcaaagc ttaccagaca atgttttctc ctctttttc tagtaactaa 420

gatattaaaa gtcttcatgt ggaaaatgct ttttccaacc atgctaaaat ttcaaccttg 480

t 481

<210> 45
<211> 616
<212> DNA
<213> Homo sapien

<400> 45
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ctgaacatga acccacagga tccccagatc atgacacctc tcagtgttta ctcagagtag 120

atctggacag tatggattaa gaggaagaaa ttgagacacc ttacccccct tttcctccct 180

ctaataagat caggctaaat tcaatgcagg aagactttcc agggaataag aagcaaaggc 240

actaaaagaa agagttggaa aaccatacct acaagaagag tgaactgcgg tcttgaagca 300

ttgtgactta acccaaattt tgggatttac taacaggaca tgtgttaatc aagcagttca 360

ctttgaaaag gaaagttcta gtaagctcca cggcctttgt gaaaaggcca ttgaagtgag 420

agagaaaacc aagaggacca ttgagaaact gcaaaaaatg tatgccctaa ttggcaatac 480

ctactttaaa gaaaaatgta ataatatcac aatctctaca ataaatgttt tagcatagca 540

ctaaacccac aatatgctaa aaaagttgtc agtagaggag acagaaaata atctaaagaa 600

caggattgac tggtgt 616

<210> 46
<211> 548
<212> DNA
<213> Homo sapien

<400> 46
actaaaatgg agaagtaacc tatcataaga gtgaccctgt aataaatttg ctcttaattc 60

acactaatcc atactattta agaacaaaag aagctgtttg gactaaataa tgaaaagtct 120

gtgtcactgg ccacagttcc aaataaaaaa cggtgtgaga gaataaagtg tatatgaagt 180

gagaataaga tatatatggg gcttctcaag aattctgata gagatgtgtg tgtgtgtgtg 240

tgtgtgtgtg tgtgcatggt cttgtgtaga attctactta gaagaagctc tgtatatatt 300

ttatcctcac ctacaaagtg tggatttcat ctgaagatgt ggccagtgac ccaggcttct 360

cattatttaa cccaggcaat ttctgttgtc cttcaacagg acagattagt gtcatacaaa 420

gaggaaatga attacaaggt cactcataag ataggtcacc tctccatctt agtggcagta 480

aaatgattac ttgctcagtc aatgaagacc agcaggtgat caggaccaag catcaggtag 540

agtttccg 548

<210> 47
<211> 298
<212> DNA
<213> Homo sapien

<400> 47
ggtacttttc tgtatctacg ttataattta attggcaatt taaagtatgt ttacttctat 60

acctttagac atattctaac tctgctcttt cagagtttga gatggtgtct gtttcctacc 120

taaagtaact attattaatt taatttgttt attcaaaatt atatactgtg cacttactct 180

gtaccaggcc catactaggg tctgctgatt ccggagacca aggaaaattt ccttctccat 240

gctccaagga attcacatgg gtgagctagg gaaaagaaaa aatcaatgat aatacagt 298

<210> 48
<211> 408
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (61)..(347)
<223> a, c, g or t

<400> 48

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnntca tggatcaaaa 360

gaatcaatat tactaagatg gctgaactgc ccaaagcaat gtacctgc 408

<210> 49
<211> 422
<212> DNA
<213> Homo sapien

<400> 49
acatgaatct caaagacctc caatcaggtt ccacccaaag aggaattcac caagacatat 60

tataatcaaa ctgtcaaaaa ttaaacatag agaatcttga aagcaggaaa gaaagggagt 120

tgagaagtga tgtctgcaag atggcttaca catacctgcc acttatgccc ctcacaaaaa 180

acaactgaaa ctcaattaga gtgtcagagg gaaagcatta aagtgtagca agagagtagt 240

gagattccct gtagtgttca gaagcccagg aaggcagcat agtgagggtg atggggcacc 300

ctgcctctgc cagctcatgt tccctgctga gattagcttg gagtcaagag ggactacccc 360

cttgagggga aaaggtaagc aaaagatccc caccagcttc cattgccact gaagagacct 420

gc 422

<210> 50
<211> 236
<212> DNA
<213> Homo sapien

<400> 50
ggcttgggca ggtacatgct cacatgtaag gctgagaatg gtgtctgttc ccatcagcca 60

aactgatgga aaacttgtaa ttcaacaggt attagatagg tgacacagta gtatctttcc 120

tcagtagtgg agaataatta gaaagaaata ctagaaaaaa ttagaaactt acataaagaa 180

ccaagagaag ccgaattcag cacactgcgc cgtataagtg atgcagctcg tccact 236

<210> 51
<211> 416
<212> DNA
<213> Homo sapien

<400> 51

gaatttacga aagcactaaa aggataccaa ttaagaccta taattcattc ggaaatagaa 60

aggagccaat tgatccagaa tagaagaaag aaaggaaata aagattagag taacaataga 120

tgacataaat aaatctaaaa ataggggaaa aaatcaatga aattaagagt tttgtctttt 180

aagataaaca aaactgggca aacacttagc taaactaaaa gaaaaaacag aaaacaaaaa 240

taaataaaat aataaatgga agagatatat tacaaagaga tcataaacaa tagattataa 300

aaaatatgac aaatagatca tagacacaca aatcataaat gatattacca aaaactacac 360

accaaaatat tgaacaactg ggaaaaagtg aataaatttc tagaagcata caacat 416

<210> 52
<211> 354
<212> DNA
<213> Homo sapien

<400> 52
gcaggtacat ttttaatgtc tcaataaata ttataaaaca ggccttaaaa ttctatatcc 60

catgtgagga aaacacttta aaaaaaaagg tttaaaaaaa tgggggcatg aagcaatttc 120

taagcaagcc ttataagctt gagtttcatt aaaaaaaaaa aaatcagaca ctgaaaagcc 180

taggggggaa aaacaacatt gctcacactg agcctaattt tggagactat tacaaaaata 240

aacaaatgat gatgaatgaa ctttcttatg gtaattaata gggaagcgaa aaagccggtg 300

tctccaagaa tgaagccaga ctctatgaaa aggaccggga gttggtaagg tacc 354

<210> 53
<211> 630
<212> DNA
<213> Homo sapien

<400> 53
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actggtgcta cagacacaca ccaccacacc tggcttcttg aatacattga atctaattat 120

attgattagt ttcaaatatg tatttctata ttatggcctg atggacataa taataatatt 180

acaaggtatg ctaaaaataa aaatgtgtta cagaattccc attttattat ttctttttt 240

ctttcttttt gacctgataa cagaaaagag catcttctca gatagacaaa aatctccttt 300

ctattcagcg catcaatacc acgcacattt tcgtctatct cccaacatgc tctcttctct 360

gttatcaggc caacccccac cccacccccc caccacccaa cagtggacca ctggaccgca 420

ccaccacaac agaccgcaaa cccgcggcga cacccccccac agtcgccagg gcggccgcac 480

cacccggcca tacaaggggc gcacagcacc gaccggctac gccagcagcc ggacgcaaac 540

acagcgcagg agcctcagaa gcggcgcccg gacggcacga gactcgtggc gaccactgtc 600

agagcggctg tccggaccaa cacagataaa 630

<210> 54
<211> 297
<212> DNA
<213> Homo sapien

<400> 54
accacctgat gtcaggatca tgaaatcatt ttgaggaagg gggtggtcaa attattcaaa 60

taatgctctt ccaatttcct gcttggagga gaaagaggtc tggaaatatt aatattcagt 120

atgtaaatcc atcatattct ttatggttcc catggcctca ctctatctgt agtttctcag 180

aacctttgtt ttatccactt tagagaatta agcctccggt tttctgctga ggcaggagag 240

gtgcagtcac ctgggcttag ccgactttca accaatacag tgtttggtgt tccctgt 297

<210> 55
<211> 124
<212> DNA
<213> Homo sapien

<400> 55
acatttctgg atatgcatat tagttgtgaa aacccaaaca gaaatttagt tttaagtagt 60

tacagactaa aactcatgaa tacctaacag aagcaaacac aaattgtttc taagaggatg 120

cact 124

<210> 56
<211> 183
<212> DNA
<213> Homo sapien

<400> 56
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gggaagtcaa ctcaaaacag ttttcaccca gtggagttat ttagtggtaa gcatgaaaat 120

ttttttttctc aacttttttat ttcaaacttt ttcaagttta cataatgttt aaagattggg 180

tca 183

<210> 57
<211> 338
<212> DNA
<213> Homo sapien

<400> 57
gtgtgaattt ataattactt taaaataaaa tgtttaatta aaatacacag gataatattc 60

atgagaattt ttcagtataa caggttctcc aagagcagtg ctaggacaat caaaaacaca 120

aattctctac actgagtttt ccaaggagta aacaacacca ccaaaaaatt caaaaccaaa 180

acccaaaaca aagaagcatt cccatttaaa aagggaccta acttgactct gcttcagacc 240

tactaaatca gaatttctag gttgggtttc aagaaaatgc atttttctaa gttccactgg 300

tgatttttat gcacatgact gcaaaggaat cacagaga 338

<210> 58
<211> 899
<212> DNA
<213> Homo sapien

<400> 58
ccaagggtgg cttaaattgc gcccgttgtg tattcaattg gttccgaaca gccatttaaa 60

aggtgtatag gcgcaggaca ttttcagtaa gccaatttga gtcaggggac aaagacaaag 120

gtgcaggaac ttcataaaga tggaggctac caaagagtaa cagtaactgg catctttatg 180

acgtcagacg cacattacgc tacacgacaa gatattattg taaataattg caacccactc 240

tttacggtag ataatattat tcctcttatt aaacaataga aataaaattg agagatgtta 300

tggtaacttt cttcaaggtc aaaccaacaa taagtaagat ggcagaccga ttggacgtca 360

aactacaaat catgcctgac gtcttaggag ccactcatta atcattacaa cctgtcgtcc 420

ataaccacac taatatacaa gcacgtgaat gttaatggat taaattgaca agtggataaa 480

tgagagtgaa gtatacatgt tagtagttat aaaaagcaag gatgatgaag aagtagaaga 540

aaaaagatga aggtggcaga agtcagtgat ttactgggta taagaaaaaa atataagaag 600

tgtataacaa ctgacaagag gatttgtggc gttgaacaaa atgatggaaa tgatggtggc 660

tttactggga aatgaataga aaggaggaga agacttgatg ggagtgggaa agagataagg 720

cattcagctt taatgctgtg gacttcattg ttgctatgaa aatgcaaatg gagatatttc 780

atctacagga gttgaagggg ccataatata ctttatcatc gctctctggc acctaagata 840

cctcgccaac ccgaagtaca gcacactgcg ccgctatacg tgagacgagc tcgtgcacc 899

<210> 59
<211> 406
<212> DNA
<213> Homo sapien

<400> 59
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tggaaattgc caccaaaaag tgtgtataca gctactatgc ccaaattaag ccattcaatt 120

tttttaaatt aaatgcctaa tcaacgaact aggaaaggac tggcacaaac tggggtaatg 180

gattatgaac tttaacaatg ttaactttca cgataagaat ttgtacgagg gagcagggaa 240

tctgcaacaa cccatctcat gcattttcgt ccactctgat tgtatcatta tgatacgtaa 300

gaatgcctca tcctacaact actaacttta ataacaaaaa gcatggttaa tttgcatagg 360

cctatcatac aacttccttt acaatatggc agctcccata agaagt 406

<210> 60
<211> 212
<212> DNA
<213> Homo sapien

<400> 60
ttatccgaaa tacttgggac cagaagtgtc tcaaattcct ttttttttt tttaaatttg 60

ggaatttgca tttatccatt gctgatttta gcattcccat aattctgaaa ttgttcaaaa 120

ttcttgaatt tttccaatta acgcttttcc ttttgaacat tcattttggc acttggaaat 180

tgtttgtgga ttttgggggc atttgggatt tt 212

<210> 61
<211> 376
<212> DNA
<213> Homo sapien

<400> 61
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ttgaaaattt taacttataa catgatggct atagttaata acagtgtatt gtgttggagt 120

tttgctcaat gactagatta ttgctgcttt tgacatggaa ggcagtgatg ggtaaatgta 180

tgagataatg gacatattaa tctgttccac tgtagtatat gtgtagctta aagcaacatg 240

tcatatacct taaatataaa caaaagtaac tttatttaaa gaaaaaacag ctgatactgt 300

taagtcacct agattggagg gtgaatgtga taccacagcg aaagtctaga atgatttgtg 360

aaccaataca cattaa 376

<210> 62
<211> 547
<212> DNA
<213> Homo sapien

<400> 62
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atttcattgt aatgagtttg gttgtgtctg ttcttcatgg cttttacagt aatgatttag 120

gcatcataga tctgatgaga gtccaggttc ttgtctgcaa gcaacagaag ccaacttttg 180

ctaacttaag caaaacagca acaacaaaca tttactggac agataataag tagctcacaa 240

agtcaatgtg aagactgcaa aacagaaaaa aaagattgaa agatgggtgt ggaggaaata 300

aaaactagga taagggttaa gaaatggcca cacgaactat tttcttagga tatcactact 360

gactatgcca ggaatgctgt aaagctatgc catagataat tatcgaaata gctccatgtt 420

gttgcaccat tgtctcaaga ctaaaattcc cagaatggag cagggtagga gtcagggcag 480

aggatccagg tacctgcccg ggcgccgctc gaagccgatt gcagcacact gcgccgtata 540

tcatgga 547

<210> 63
<211> 777
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (170)..(412)
<223> a, c, g or t

<400> 63
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taacacatag aatcactgta tgatccagca atccttttt cacaatggtc atgatttgga 120

aacaaactaa atagccatta acaaacgaat agataaaaaa aggtgatatn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntatataca 360

tacaaaggca tattattcag ctcaaaacac aaaacgaaat cctgccatat gtgcactact 420

tggatgagcc ttaaggatgt catattagaa ttagtcacag gaagggacaa attgctgcta 480

ggtaggtatt ctcatttctt gaaagtactc ttaaaactgg gtccaaccaa tacgaaacgg 540

gggcgtcgca aatggtggtt ttcccgggaa gaacagtaag gagaaatcaa gagctataag 600

ccagggtaat aatcttctta ggaaaggaat atttagatcc gtactggcaa ccgattccga 660

cgagggccga catggccagc ggacaatggg actgcacggt ctgggagtct catgaga 720
777

<210> 64
<211> 800
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (561)..(760)

<223> a, c, g or t

<400> 64
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tgagtgacaa aaatggggtc caagtgaagc taaccgattt tgaaaaatgg gggagggagt 120

gatggctaag aggataaggc accattaata caatcccaaa agggctcaac tttgcaagag 180

atggcaaaat ccaaaaccca ttgctctagt gggattatat acaagtaaag atgtatctaa 240

gagtttcatt tcatgcacac atcaaacagc acaaattttg ccatctcagc agcacaaaca 300

ggtatgtcat aagggatcca tcaacacatc ctaaacttca tatgcaagtg ttgtagctat 360

ttgccataat gtttatatac aaagttcggc ctctttaaaa agtgagagtc caggaaaaat 420

atgaaaggaa tattgaaaat gatattatac cagtatctac tttgcaacat gtatctttgt 480

caaatcacaa agtaataact tgctaatacc tacagtgaaa tatatcttat aataagaagt 540

aagtaaagag aacagtaaag nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tagtcaaaac atgactaagt 780

tgattgccga ttgccccaga 800

<210> 65
<211> 335
<212> DNA
<213> Homo sapien

<400> 65
gcatttaggt aggatgagat ttccccaccc cactcctcct cactccagag aaaatataag 60

aaataaaacc ttgataattt acaccaacat tagtagaact ttggtaagct acagtatatg 120

tggaagtggt aggaaatgac gaggctccat tcctgtgaaa tctattgtta gtaatcagaa 180

tcataggatc tgagtatgtc agggagaatg aataggctgg aatatatacc agtagggaat 240

atcagccttg aagtcgttgc cttgttgcta ttcctagcaa ataaaagatc cagactgttg 300

aaatatgtag caaggtatgt ttccaggaaa acact 335

<210> 66
<211> 690
<212> DNA
<213> Homo sapien

<400> 66
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ggaaaaaatt gggggctttt cttctgtgta taaacagcag tggtttgcta tgctgcgggc 120

agaacaggac agtgaggtgg ggcctcaaga aatcaataaa gaagaactag agggaaacag 180

catgaggtgt ggtagaaagc ttgccaaaga tggtgaatac tgctggcgtt ggacaggttt 240

taacttcggc ttcgacctac ttgtaactta caccaatcga tacatcattt tcaaacgcaa 300

tacactgaat cagccatgta gcggatctgt cagtttacag cctcgaagga gcatagcatt 360

taggtaggat gagatttccc caccccactc ctcctcactc cagagaaaat ataagaaata 420

aaaccttgat aatttacacc aacattagta gaactttggt aagctacagt atatgtggaa 480

gtggtaggaa atgacgaggc tccattcctg tgaaatctat tgttagtaat cagaatcata 540

ggatctgagt atgtcaggga gaatgaatag gctggaatat ataccagtag ggaatatcag 600

ccttgaagtc gttgccttgt tgctattcct agcaaataaa agatccagac tgttgaaata 660

tgtagcaagg tatgtttcca ggaaaacact 690

<210> 67
<211> 194
<212> DNA
<213> Homo sapien

<400> 67
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gacagcatct cataatttaa cagtataaac caaaatggaa accaaaagag aagaatgtcc 120

tacaatagaa gtgtgagtat actgctgtgg gagcagggaa taattgggaa ggaaaagctg 180

gaaaaccctt aggt 194

<210> 68
<211> 717
<212> DNA
<213> Homo sapien

<400> 68
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tctcaaattg ctatcttgtg cgccgagtac accacaattt taaaatatga taaaagtggg 120

tctatttcat tctccatgtg acgtatccag attgtcttca gcaacatgta tagaaagacg 180

atcttgttat actgaaatgg cgttatacct ttgtgaaaaa agcaattggc tgttatttct 240

tgtggatcat gtttctggac tctggtattc gtgttctaat atatctgtat ttttaacctc 300

tctaacaata ccacattatc ttacctacta cagctgttaa aataagactt gatatcaaat 360

aatgtgaatc tttcaatttt attcttcctc agaattgttc tggctattct agttcttttt 420

ttccatatag aattttagaa ttagcttatt gaccgatatc tacaaaaatc cctgctggga 480

ttttgattga gattgtgaca tatcagtaaa tcaatttggg gagcattggc atcttgaaca 540

atactgactc tcccaatcca tgaacatggt atgtgtctct atttaggttt tctttaatta 600

tgttcatcgg tgttttgtag ttttcagcat acatattcct gcatatttat gttagattca 660

tgtttaagtt ttatattttt gttcttaatg taaatgacac tttttaattc cattttc 717

<210> 69
<211> 917
<212> DNA
<213> Homo sapien

<400> 69
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tcaccatcgt ggacttaagg tccatatcac ctcagggaga caagtagagt gggaggcatc 120

caaaaggtag gtgattcttc tcccctctag tgaagaatac aaggtcaatt tacaaaaaag 180

caccaccagc aaataagtgg aaaattagat tcataaaaca tttataatag cgtcaaaaaa 240

aagaaaatac tcagaaataa atttgacaaa aattgtataa gatctctaca ttaaaaatta 300

tgaaatacat gtaagagaaa ttaaagaaaa cctaaataga gacacatacc atgttcatgg 360

attgggagag tcagtattgt tcaagatgcc aatgctcccc aaattgattt actgatatgt 420

cacaatctca atcaaaatcc cagcagggat ttttgtagat atcggtcaat aagctaattc 480

taaaattcta tatggaaaaa aagaactaga atagccagaa caattctgag gaagaataaa 540

attgaaagat tcacattatt tgatatcaag tcttatttta acagctgtag taggtaagat 600

aatgtggtat tgttagagag gttaaaaata cagatatatt agaacacgaa taccagagtc 660

cagaaacatg atccacaaga aataacagcc aattgctttt ttcacaaagg tataacgcca 720

tttcagtata acaagatcgt ctttctatac atgttgctga agacaatctg gatacgtcac 780

atggagaatg aaatagaccc acttttatca tattttaaaa ttgtggtgta ctcggcgcac 840

aagatagcaa tttgagattc ctacactggg gctgacatgc tcaagagcat cgctaagggc 900

gataatcagg gggttaa 917

<210> 70
<211> 411
<212> DNA
<213> Homo sapien

<400> 70
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gatataaatg atttttagga caattccaca ggcttgaaga acatacagtg gcttgggaca 120

aagtttgttg ggcccacaaa agcacataat ggtttgtaac aaaagtatga ccctgtgtgt 180

tggcagattt cagtctttat tcctgtaagt ttagttaatg caaactaact aaagaggaaa 240

acagctagga gtaattgttt tctttgacag ttccaaactt tagtcagaga gggaacttca 300

gagatcaact tcattctatg ctttaagaga gacagaggat taagagacag gaggtgagtg 360

gtgcaggtta gagagaactt gaagtttctt caatacagca tgtcaaagca c 411

<210> 71
<211> 564
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (463)..(463)
<223> a, c, g or t

<220>
<221> misc_feature
<222> (505)..(505)
<223> a, c, g or t

<400> 71
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cacaaaccat ctgcatttac acaaattact ttaaatttat atacatatgt ttttaaatgc 120

atcagaaaat ataatgaata ttttagcatt ccaagcagtc atagctggaa ggagatccaa 180

ttttcctaat aacactaagc ttgcttagaa gagtctctct ttctaacaaa tttactttgg 240

aacaaaggtc tcatattttt catactatta ctggcagcaa attttcatct ttcaagaaga 300

atttgagttt agaaatagcc agaagtcggc cgggaatggt ggctcacgcc tgtaatccca 360

gcactttggg aggaggattg cttgatccca gaagtttgag actggcctgg gcgacataat 420

gagagccccg gtgtctgttg aaaagaaata gactgggtgc cgngggtcat gcctgtaatc 480

ctagcacttt gtgaggccta catgngtaga tcgtttgacg gcaggagttt gagaccagct 540

tgcgaaatct gtcttcttcc aaaa 564

<210> 72
<211> 598
<212> DNA
<213> Homo sapien

<400> 72
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accattccca taaggaggga tatccagggg gaaagtttca ttaaagcaga aaactgaagt 120

taaacccaag aaaatagaga tacttgggca atataaaaag aacattaaaa agaatagatt 180

tttacatctt caaagcaatg aaaaaagaaa taatacccat aaaagaccag gaaagaagaa 240

aatgaaaacg tctttaaaat gcaaaacatt tatgaaatta aaaaatttaa tagatagatt 300

taaaaggcta gacatcaatg aactggcaga aagaaatgaa aaaaatcact gaaaaagcta 360

tcaaaaaaga taaaaagctg aagaaaaaaa gaaggaaaag ttcaaagata agttccaaca 420

tatatttgac aatagtttct taagcataga ctagagagag tgttgaaggt gtgggtgtgt 480

aagacagtag ttgggaattt tccaaaactg aagagagtcc tgagttctga ggctgagaga 540

gctcatcaag tgacaagaag ggcggatctt taaaaatcta tatctagaaa tactgtgg 598

<210> 73
<211> 248
<212> DNA
<213> Homo sapien

<400> 73
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ccagaaacca cattagcaac tggacaaaaa gaaagccaaa aatctaaaac aggtgtccac 120

aaactaggcc tgtggcctgt ttctataaat aaaatcttac tggaacaccg ccacacccac 180

tcatttttat acagtccccg ctgctcctgt tgtaatggca gcgtggagtc agtgcaacag 240

agaccata 248

<210> 74
<211> 528
<212> DNA
<213> Homo sapien

<400> 74
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aatatctttc aaagatgaac aaaaaatgaa gacttttca gacgaacatc cgggaaattg 120

attattagca gacctgttct accaaaagta ttaaagaaaa atttgctggc agaaagatta 180

tgatatgata caaaagcatg gatctccaca tatacaccca cacacacaaa tgaaaagtgc 240

tgaaatggta ttaataaagg ccaatgtaaa attcattttt ccttatattt aattctttta 300

aaattaaaag caaattaaaa ttaaaatcta aagcaaaagt agtgacacat agagatagaa 360

gaaggatggt gaccagaggc caggaagggt agtaggcaga agccagggca ccggagaggt 420

agagatggtt aatgaataca aaaaaattat tagaaagaat gagtaactta gtatttgata 480

gcacgacagg gtgactattg tcaaaataat cgtagatctt aaaataac 528

<210> 75
<211> 726
<212> DNA
<213> Homo sapien

<400> 75
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aatatctttc aaagatgaac aaaaaatgaa gacttttca gacgaacatc cgggaaattg 120

attattagca gacctgttct accaaaagta ttaaagaaaa atttgctggc agaaagatta 180

tgatatgata caaaagcatg gatctccaca tatacaccca cacacacaaa tgaaaagtgc 240

tgaaatggta ttaataaagg ccaatgtaaa attcattttt ccttatattt aattctttta 300

aaattaaaag caaattaaaa ttaaaatcta aagcaaaagt agtgacacat agagatagaa 360

gaaggatggt gaccagaggc caggaagggt agttggaggc aggggaaagt ggggatggtt 420

aacgggtaca aaaataaagt tagagagaat gaataagatc tagtatttgg tagagtaaca 480

gggtgactac agtcaatgat aatttattgt acatctttaa gtagttgaaa gagtatagtt 540

ggaatgtttg taacacaaag aaatgctaaa tgcttgaggt aatggaaacc ccatttacat 600

ggatgtgatt attatgcatt gcatgcctgt atcaaaatat ctcatatatg ccataaatat 660

atttgcctac tgtggaccca caaaaatgaa aaattaaaat tgaaaaaaaa aatgttaaaa 720

aaaaaa 726

<210> 76
<211> 580
<212> DNA
<213> Homo sapien

<400> 76
acagtagatg aatcaagttc tggccatgtc ccagctatgg atgctaaaat ggtatcatct 60

ccctcagcaa ctaaggttcc cagccataaa ggccaggcgt ctttaagtga aagccttcac 120

gtggggttaa tgagcaccta tgtgaagggt ttttttttg ttttttttt tttgacagaa 180

tggcacaatc tctatatatc tctggggaac caagagggta aagtccgggt ctaggggtc 240

cggtggggac aacagggcat acccacactc acgaggggga gaaggtgtaa ccgggggtc 300

cctcgggccg ggagaccacg gcataacccg gaatcccagc acacggggcg ggcggtcaca 360

aggggactc cgaccctcgg gaaccaacgc gggggtacc caggggcat aggcgctccg 420

cgggtgggta agtggtactc cgaccacatc ccacacaaat tgcaacaaat agttgacagc 480

acaaccccag tccagacata ccacacacca acaccaacat atgagcacga acccgagaca 540

cacgaaaaca gcgccgacag agcgcaccag gccaccgaaa 580

<210> 77
<211> 658
<212> DNA
<213> Homo sapien

<400> 77
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aacagatttg gttattttgt ccaatcattc tgctgtcaac acccagaaga actgcctctt 120

tgcccatagg ctatagcagc caatagaaga cagttgtttt cttgggaata atagatcatc 180

tagttcttgt taagaagtca attcattaaa cagcggcttt catatattca acaactccat 240

tcatgctaaa ataattctct aatataatta tgattgattg atgggaactt atttcaataa 300

taataagcag acttatcgta cgaacaacac acaccgacta gacactatct atcacatgac 360

atgtagatgg gcaccaacaa gacatgggca agtccatttt cccgttttga acatgacgtg 420

ggcacaaaga acgaggggca gtgctccttc tttcatcacc tacctcctta cttgcgattc 480

agtgagttgg gtttgggata cggtttgctc gcgcccaggg cgggccaaat tttacgagcc 540

acggcgaagg aaacgggaca aactagagcg gaggtgtact tccaagtgtg acgcggaaga 600

aaggaagcga tccgttctct acgttatttc ctctggttgg gcccggaccg accaattg 658

<210> 78
<211> 523
<212> DNA
<213> Homo sapien

<400> 78
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ccaaacaaga caggctatca cataggaaga ttttttttcc cgtattgcaa ataaagaaac 240

tgaggaatac agtgattatg tgaccaggtc agagtggcat atctattatg aagaaagaac 300

gtaggactga aacccagggt ttatacacct cagcttaatc gaaactctcc tatgtttatc 360

gaacctttgt gcagatgcag agtcagtcat tatttaggtt gtagcaggtt ccacttaatt 420

tcattctagc tcgtggggta ctacggcttg tgcatttgat gtaatctggg ttgtctcccc 480

aaacaaaact caaagagtaa ccttaacact tttgatgtgg tgt 523

<210> 79
<211> 523

<212> DNA
<213> Homo sapien

<400> 79
gcgcatgtct ggagtcggtt acacaaaata ctcttagagg aatttttttt taagtttctt 60

tgttcaagtg acaccctatt aagaaagccc agttccttcc aaggaagcaa agttctaagg 120

gtacccaaga agcaggttaa aacttaaagg atcttaaaaa aaaaaaaaaa aaaagagtgg 180

ctcatagcaa gaaaaatttt aagggctgac ccagagcagt ccctcatttt ttatcccaaa 240

agacaaactt agtgtttcca aattttatgg gagaaatgat aggagttgcg aaatacccag 300

ggggccccag gaggcccctc ataactgtca gttgttttat ttgggggtta agggagagta 360

aactatgtga tcaaatctgt gagttttag ttaaatttca attaacttcc agattcactc 420

ctcaagcaat aactttgcta caccttgtca caaccaaagg ttctttttca aattttttt 480

tgcccacctt tcctctgctg actttattct ttacaaagtt cta 523

<210> 80
<211> 624
<212> DNA
<213> Homo sapien

<400> 80
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agggagttac tcagctgtga cacacccagc gtaaccaagc cacaaagtga ctttcacctg 120

tacacaaaat actcttagag gaatttttt ttaagtttct ttgttcaagt gacaccctat 180

taagaaagcc cagttccttc caaggaagca aagttctaag ggtacccaag aagcaggtta 240

aaacttaaag gatcttaaaa aaaaaaaaaa aaaaagagtg gctcatagca agaaaaattt 300

taagggctga cccagagcag tccctcattt tttatcccaa aagacaaact tagtgtttcc 360

aaattttatg ggagaaatga taggagttgc gaaataccca gggggcccca ggaggccct 420

cataactgtc agttgtttta tttgggggt aagggagagt aaactatgtg atcaaatctg 480

tgagttttta gttaaatttc aattaacttc cagattcact cctcaagcaa taactttgct 540

acaccttgtc acaaccaaag gttctttttc aaattttttt ttgcccacct ttcctctgct 600

gactttattc tttacaaagt tcta 624

<210> 81
<211> 147
<212> DNA
<213> Homo sapien

<400> 81
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acaagtatac agaacactat gtatataatg tgttattgag gcctataaca tatagaaatg 120

ccatatagtt gccaaaaaca gcacaaa 147

<210> 82
<211> 783
<212> DNA
<213> Homo sapien

<400> 82
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gtatctcgaa aaggtttttt ttttttcttt aaccttagta tttggttttt tccagattgg 120

aaaaaatact tttagtcatt tcttgtaaaa atgggtctgg tggtgatgaa tttggtttgt 180

ctagcaaaat gctttatcgt gtcttttata tttgaaggat agctttgctg gatgcaggtg 240

ttcttgaata gcagcatttt tttcagccac tttgaaatta ttgtatcact agtctactag 300

tcctagtata gatttaccat atgaaaattt aatattagct aagacgaata taggacctcc 360

tttatgtagt taacttgctt ctttcctact tgctagctat taaggatatc tctctatctg 420

tcttatgact gttgagagtt tgattcttta tatgcattgg ggtagtcttt attagggtaa 480

gaatctagtt tggtatttag ctagagcttc catacctgga tattcggtct ctttcctcaa 540

gtttgggcaa aatttggctg tcatttattt ctctttggga gttaaagctt tattaacccg 600

ttggcttctt agcttttaat tccctttttt ggagcaccag tacttcttta aaattggtcc 660

ttacgagggt aaatacacct ggatctggag gcttcctagg gttcctccca ttgtgataca 720

tttggggccc ccgggttttc aaatacctat tttgggccca aaatttccct attacgtatc 780

ggg 783

<210> 83
<211> 271
<212> DNA
<213> Homo sapien

<400> 83
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tcccgttcaa ttcccatccg gtccaatccc atttccaccc atcccattcc attggagtcc 120

attacattcc tgtccattcc ttcgactcca ttccattaaa ttccattcca ttccatttaa 180

ttcaatatca tccctttaca ctccattcat ttctattatt tttgattcca ttgacttgca 240

atccatttga ttacattcca ttctattcct t 271

<210> 84

<211> 727
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (292)..(475)
<223> a, c, g or t

<400> 84
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gaataaaatt taccaattat taattttta gataatagga tgcagtttaa attttttaag 120

atccataaat aaataaatat gtgtgctata caggctgttt acacgtatta ttattgtaca 180

aataaaacaa aaactaccta caaccagcaa aactatattc tgcacattac aacacaggtc 240

aaattgtgtc caaatccatg acataccaat acaaattaac tttatttttt annnnnnnnn 300

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnttaaa 480

gacagggttt tgccatgttg gccaggcatg gtctcgaaac tcctgaacct caggtgcatc 540

cacctgacct tggcctctca aagatcgctg ggattatagg gcaatgagcc accgaaaact 600

gtcgcagaaa aaactttaaa tgtttaacac aagctccttt cagaccatat gttctagagc 660

acagaactgt ttatatggtc taagactcat tcaagttaac tcatgctatt catctccatt 720

ttccagc 727

<210> 85
<211> 828
<212> DNA
<213> Homo sapien

<400> 85
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atggacccag aggttcgtaa ggtaacattt aagaaaatga cggaatgaga taagcatgtg 180

tcctttacca gcctggcaga atttcacaag tgtttattaa ctcttggtct tgaaatgatt 240

tgataaggcc tctttggaga gtattgagaa gaacctatta aaaatggtaa catctttgac 300

ctagcctttc taccactaga aacctattct ctggaaatac tcaaactcat aaaagatata 360

tgtggggctg tgttctctat atagcattgc ttgtaaagac aacaaatttc aagttggctt 420

atatgtgttg tgggtggttg aaaaattata tggtatctcc ctacagtggc ttattctgta 480

gtcagttaaa aaagtgaggt ggatctctgt cctgacgtgt aaacagatga tgatatatta 540

aataaaaaag taagaggcag catctataag gatgatccca ttgttatatc acagctactg 600

ctgacctggt tgggtatgct tgtgttgtgc ctttaaaaat aaaaaagatt ctggaacaac 660

aaaggatatt gttccctgtg gctacctctg agaaaggtga ccatattgtc tcggtttgtt 720

ggggaaatat catggtttac acctgttgtt ctggtataat tattaatagt acctgcccaa 780

gccgaattcc agcacatgtc gccgtatcag tgatcggagc tcgatcac 828

<210> 86
<211> 869
<212> DNA
<213> Homo sapien

<400> 86
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aatgatttga taaggcctct ttggagagta ttgagaagaa cctattaaaa atggtaacat 180

tttgacctag cctttctacc actagaaacc tattctctgg aaatactcaa actcataaaa 240

gatatatgtg gggctgtgtt ctctatatag cattgcttgt aaagacaaaa atttcaagtt 300

ggcttatatg tgttgtgggt ggttgaaaaa ttatatggta tctccctaca gtggcttatt 360

ctgtagtcag ttaaaaaagt gaggtggatc tctgtcctga cgtgtaaaca gatgatgata 420

tattaaataa aaaagtaaga ggcagcatct ataaggatga tcccattgtt atatcacagc 480

tactgctgac ctggttgggt atgcttgtgt tgtgccttta aaaataaaaa agattctgga 540

acaacaaagg atattgttcc ctgtggctac ctctgagaaa ggtgaccata ttgtctcggt 600

ttgttgggga aatatcatgg tttacacctg ttgttctggt ataattatta atagtaccct 660

ctttcagtgt ttggtgaact gctttggatg gtgaattatg tgtttaccct accttcctct 720

gaggattgga attggggcaa gagaaatggg aaatgggctg tgacataggt gacccgtggg 780

tgtagtttac agcaagcagg tattcctttt atgagggaaa ttgaggaaga tggcaatgat 840

acattatgta gtggttcacg gcggagcca 869

<210> 87
<211> 944
<212> DNA
<213> Homo sapien

<400> 87
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aaaaaaaaaa attctgtttc tgcaggggaa tgataattgt ggtgagtttg ccaaagaaag 120

caactacagc attatctgct ttgtgcctct cgtgtgggtt atatctttac ctgcagatta 180

tttacgaaat gtatgcattt atgtaaacac tgctcactta tattattttc cgctcgacct 240

ttctctactt tcacacgcac ttgctacaac aacaaataca aaaaaacaaa aaaaaaaaaa 300

aacaaaaatt aaaaaataca acaagatcca ctgaaacatc aaaccagaca gaacaagaca 360

taaatagaac aacaatatac tacaccctca ctgtcattcc catctgcaca gtggagtgtc 420

gaccgaccac ccacaacccc tcctactctt gcaagacctt gccccacata tctgcctcca 480

cacacgtgct cgcctcctct cctcttccac caactcatga tcccgatctc catcctctgg 540

cgacaaagca tcttccacct tacccctact caccactaac acatccttcg tcccgatccc 600

actctcatta ctcaacacca accaccccag agcaaagcaa tcctgcacca ctttactccc 660

tatcaaatca tttccaccac agcgataccc ctccctgcaa tctccactgt cacaagcttc 720

accaagcacc atacttcacc ctatgccctc ctccgccctg agaactaatc caacatcacg 780

taagtccgaa aacgaccatc cactacctag caacacgccc attctacttc cactcacgac 840

atatcaccat caactacgcg ctccccctcct aatcacttca caagatacca cctgacagaa 900

tcgggcatgc acccacaccc acaaacgact gaaaccacaa taac 944

<210> 88
<211> 1304
<212> DNA
<213> Homo sapien

<400> 88
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gattttatta tccttaggaa tgtcatccaa gacgtagagc ttgaatgtga cgttatttaa 180

aaacaacaac aaagaaggca gagcgaggat ataactagaa aaaggatgtc ttttttttt 240

tttttactcc ccctctaaac actgctgctg ccttaatttt agaaagcagc ttactagttt 300

acccttgtgg tataaagtat tataaattgt tgtgaatttg aagaatccgt ctactgtatt 360

attgctaaat attttgttta tactaaggga caattatttt aagaccatgg atttaaaaaa 420

aaaaaaaaaa actctgtttc tgcaggggaa tgataattgt ggtgagtttg ccaaagaaag 480

caactacagc attatctgct ttgtgcctct cgtgtgggtt atatctttac ctgcagatta 540

tttacgaaat gtatgcattt atgtaaacac tgctcactta tattattttc cgctcgacct 600

ttctctactt tcacacgcac ttgctacaac aacaaataca aaaaaacaaa aaaaaaaaaa 660

aacaaaaatt aaaaaataca acaagatcca ctgaaacatc aaaccagaca gaacaagaca 720

taaatagaac aacaatatac tacaccctca ctgtcattcc catctgcaca gtggagtgtc 780

gaccgaccac ccacaacccc tcctactctt gcaagacctt gccccacata tctgcctcca 840

cacacgtgct cgcctcctct cctcttccac caactcatga tcccgatctc catcctctgg 900

cgacaaagca tcttccacct tacccctact caccactaac acatccttcg tcccgatccc 960

actctcatta ctcaacacca accaccccag agcaaagcaa tcctgcacca ctttactccc 1020

tatcaaatca tttccaccac agcgataccc ctccctgcaa tctccactgt cacaagcttc 1080

accaagcacc atacttcacc ctatgccctc ctccgccctg agaactaatc caacatcacg 1140

taagtccgaa aacgaccatc cactacctag caacacgccc attctacttc cactcacgac 1200

atatcaccat caactacgcg ctccctcct aatcacttca caagatacca cctgacagaa 1260

tcgggcatgc acccacaccc acaaacgact gaaaccacaa taac 1304

<210> 89
<211> 524
<212> DNA
<213> Homo sapien

<400> 89
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gtttatattg ttactcaaat acttaccact atttatgctg ataatctcag aagtattcat 120

agaaaagaaa tgggtgaggt ccttcacaca accacataca taaggcagta gagcagcgat 180

agctccactt cccaccgagt gaaatgtcac attgtaccac aatccttctc cagtgttatc 240

cacacataag gaaatgaaca tataaactcg cttgggcttc ctgatcacgt tttaataacg 300

cacgttaaca gtagggcaaa taacattaga agtgattata gtaaacattt ttaaagttat 360

cataatgcaa aatactaaac agcaacaatt tcccaaacaa caaagggaaa tacacttacc 420

ctttaagcaa gaaagtaagt ttctaacagt acctgcccgg gcgccgctcg aaagccgaat 480

tcgcagcaca ctgcggccgt tacaagtgag gcgagctcgt acag 524

<210> 90
<211> 794
<212> DNA
<213> Homo sapien

<400> 90
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tacatgaggt agttgtcttt tggcaatgat ctttgtgtta gcctataagg gggcctgtaa 120

aaaggaggag ttttgggcac atcttttgtg tgttgtgtgt aaggtcttta aaaggtgctg 180

atgttgttgg gtttgtatag ttgttgttgt ttcagttgtt gcacgagtct ttctccgtca 240

ccaatgtaag aagcccgtgt gtgcgtagta tagtatagta ccgtgtcgtt gagaagaagt 300

gtgaatactt gtgtaaatgg aatgacaagc ggtacgtttt atggttttaa taggtatggg 360

ataaaaactt taaaatattt gattttagct cttttatgtg gacttattgt ataaagcagt 420

gtctgatgct taatttgtgt aaaaggttgt ggttaaaata caatagtttg gtatgcttta 480

agccatgtga attcttttgt atgtgtctag ttaatggtac tatatacata gttttttttt 540

cctaaaaata atgtaactgt agtaaacatt tagtaggatt tctggtaaaa tgtatatact 600

actatgcatg atggaggaaa catttattta gtataagatt cgttctacat ttccaaatgt 660

atattctaaa aacagctgag gatttttct ttttaaccaa catttcaaat acttaatgtt 720

tctcacccaa ttttaaatac ttggctatac gtacttccac tgaacctatc tttggttttt 780

accgccacca attt 794

<210> 91
<211> 764
<212> DNA
<213> Homo sapien

<400> 91
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aggcaatcag tatacccatc actgcaaaca tttattattt gttgtttgta gtgagaatat 120

tcaaaatcct ttcttatttc tgggctctat gttccatatt ccatgccatt ggtcctatgt 180

atttgttttt ttatgccaat atcatgttgc tttcgatact gtaactttgg ggtatacttt 240

tgaaagtcaa ggtagtactg aatgcctcca gcttttttata atttttattt gtgtccatca 300

aacaatatta tttgagacta taactccaca gccaatctat tatagactcc cattcaacaa 360

cactacaaca cacttttaca aacaatatat aaaaaaacaa ttattatata tctacccccct 420

atatacacaa aaaatgtgta atgaatgtgg gaaataataa gtgacacaaa ggggacaaat 480

gtgccatatc gaaaacctca tctaggcata cgggctaacc cccgttacta ttgtgaccaa 540

catttttact aaaccactat tctacacata tattattccc acaatccata gtgaatacca 600

cacgaaacta ataaatcaga gagacaaaaa tcaggacatc caccctatag caaaagtacc 660

cagtttaaat aaacagacga atataataag tttctaacct aacataacca cattatttcc 720

ccattctcta gggctaacta cttacatcaa aaagaacact acca 764

<210> 92
<211> 584

<212> DNA
<213> Homo sapien

<400> 92
cgctggacga gctccgtcat gatacggcgc atgtgctgga attcggctta caacccccttc 60

tggaaaacaa agattgtact accattccca atttgcaata gtggaatcga atatatagac 120

actaacttgt cagagatata tagacatcat accctgtaaa gcctctattt ttgcttcaag 180

tgggctcatt tttgttgagg ccatgaatgg aacaagtcat actctgtaac cactcccaac 240

tacatacgta gacacctgta tctttataga gagtagctct cccgtgtata taaagaactt 300

ggaacagagg tgcgatttaa cattgacata cccttgacac cttaaggggt cacagtctaa 360

ccccatagga cccaggaata ccagaagcaa agtgaacaat tggattaatt ctggcaggaa 420

ctgaggtagc aataggacta gtagcaccct ggggtggcct tgcctatcat gagtcaaccc 480

taagaaaact taactcaaac cctaaaatcc ttagccacaa acacaaatca gcgcattaga 540

gggaattgaa gagtccctcg acagtgtggc aaatgtaatt ctca 584

<210> 93
<211> 884
<212> DNA
<213> Homo sapien

<400> 93
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atcagggaaa actgctccat gtggtgacaa catccaaaac cccggcttca caacaccaca 120

ggagggcaag gcacacccca ggacaaggaa ccatgcccga gggacggccg catcaaaaag 180

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cggatcacca cagcatggga cgataactca gtggatacat agcatagaaa cacgtgatga 300

tgaaacatgg taactccgca tcagcaatat gtccaagaaa aaacatatac agaagaacgg 360

agaagaagaa aaggaagaag aagaggagag agcgagagga aggaagggag aacgaaagag 420

aaaaaagaaa agagatatag gagaagaaga aaataaagaa aagagaaaaa gaagaggaga 480

agaaaaggga agagaagaga ggaagaaagg aggaagcaag gaaggagcca ggcgaacagc 540

agagaaggag agaggactaa gaggaaggag cggaaagaaa cgaagaggag gaggaggaac 600

caggaggagg gacagagggc gacgggagag agaacggacc gaggagagaa gacgaagagg 660

aaagacaaag cgacaacaga cgagggagca ggacaaagag aggcatgacg aagtaaggag 720

agagaagggc gagagacaaa agagaaaaag agtgataagg gagaagtgga gaagtcagta 780

gaagggagca cggaaggcgg gagggagaga ggagagggga aggagagaag agcgagaagc 840

gcggagaggc ggagagagcg gcgagcggga cagagcgggc aggc 884

<210> 94
<211> 732
<212> DNA
<213> Homo sapien

<400> 94
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tctcttttct ttgaactata gattttgaga ttttatgcct tgattaggga gacatagaaa 120

taattttact atgttctatt ctattattca ttccttttg tatttatagt taggatagtt 180

taatctatct ggaaagtatt cttcacatat agtatagagt agggtaatat ctttttcct 240

aaatagagga ttgttttaat aaagtctttt attatacggt tacattttcc ccctggaatt 300

caaaatagtc acttttaaa tatataaaca aactcttata ttaacataag cataggaatt 360

agactactag tctttgtatt ttttattatg tctatatttt taatcattat cagaatctta 420

attcatgtag ccttacagta tgttttcgat agtcggtaag atagatttct tccttttgta 480

aaattaacct gcaaaataca attaaggatt aattctttga aaaacttatt tttgtatagt 540

gtcctcattt ctattccata tcttattcct acctgttatt cactatttcc tataaccttc 600

aatacgtttt tgtcgttaat tttttcctgg gacttttttat tagtgctagt atagttaagt 660

atattgattt ttgtcgctag ttatttttca tctttttctg aaaacactta tatttttttc 720

cccaagggat ac 732

<210> 95
<211> 292
<212> DNA
<213> Homo sapien

<400> 95
gctgcaattc ggtatgggca ggtcggcctc ccagaagggc tgtgattaca ggcatgagcc 60

accacaagct ggccaccaca ggtagctttg gatataaagg atggggttga gagttccatt 120

ttcacagaac tgatgtcaaa atcagatcga acaagaaaat gtggtgaatg aaccctgcac 180

atacctctaa ttttacatga tgagaaaaat aaagcctata aaggttatat tagtgtctta 240

tctaatagtt atggagagct gaagttcata atccaagtcc aggtcccttt gc 292

<210> 96
<211> 132
<212> DNA
<213> Homo sapien

<400> 96

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atgaaggatt ctaaggatgg gataaaaaaa tcaagaggat cccagggcaa cctggtgagt 120

tgtagacttg tc 132

<210> 97
<211> 497
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (82)..(371)
<223> a, c, g or t

<400> 97
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aagaggttaa gaacaacaat annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 120

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360

nnnnnnnnnn naaaaaacaa aaaacaactc tcatacacag ctggtgtaaa tgcaaaatgg 420

tacctgcccg ggcgccgctc gaagccgatt ccagcacact gcggccgtat aagtgatgga 480

gctcgaccac tggatcc 497

<210> 98
<211> 716
<212> DNA
<213> Homo sapien

<400> 98
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ggtaaattac tttgattttc aaaattgttt tttacaaacc ttggtctttc ctggtctaaa 120

ctcaatttga agtatgatgt attgactcgt tttgctagat aagcttgcta ataacttatc 180

ttaggattct tattttctct gtgatcatga ataaaattga cctgaatttg ttatgtgttt 240

tcttaaaggc ccaagttagc attaaggcaa tgctgacctc atacaacaat ctagaaatgt 300

ttcctctttt cttcctctaa tgaattcatg tgagattgat attatttttt ccttaagccc 360

ttaacagcaa agccttctgg gcctagtgtt ttctttttgg gaaaacgttt acttattttt 420

gtttctgtga gaaggtttta attgtcattt cttgttcatc agttttagaa ttatgtttca 480

taatttattc ttacattaat tttataaatt tctcacaatt tggccatttc atcacctttt 540

ttacaatatt tcttgggggc aattttgtta agaatatcac ctgatgatca ctttgtggtc 600

tcaatgttgt cttcttttat atttctattt tgttgtttgg ctttttttcct atctccttga 660

cagttttata cgtaacattg ttgtagcgat tctgattctc acggggcgcg actgtt 716

<210> 99
<211> 293
<212> DNA
<213> Homo sapien

<400> 99
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tttgttactg attcaatctc attactcatt atttgtctat ttcttccctg gttcaatatt 180

ggtaggttat atgtgtctag ggatgtgtct atttttttctg ggtttttgaa tttattgttg 240

tgtagttgtt gatcataata gtctttaatg atttttcctt agtctagtta gaa 293

<210> 100
<211> 794
<212> DNA
<213> Homo sapien

<400> 100
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tccatagtct tggtcttcgg ccaagacatc ttctatttaa gaacagagaa gactcactac 120

atggctgttt tctattggct ttaaaggccc atatattgca tggcattgat tttatttgct 180

cggttcttta gatttgaact tcataaaaca tacaagaaaa tctcctgttt ttttttttt 240

ttttttttt ggggggggtgg tctgggtctg ggattaaaat ggccccggtt ttttctcctt 300

gaattaccct ttctagcgat attattttcc agttttcctc gccgaaaagc ccaggcaacc 360

tgaattattc agtttctgga gcctgagttc ttgcatcaca gtcctagcag gtgtttctct 420

ttgagcatga aggccccaac tttgttcaaa aaaaattgtc ttttgatgtg ttgcacaaat 480

tgtgaaaata tattaacatt tttcctttaa tacagggtga ttttgtaaaa accgctttag 540

ttagcacatt tatggttttt tttaccccaa acagattgct cgtgtcaatt ggcactctaa 600

cttttcttct tgtaccactg ttttttttt tcccccaccc ttctttcatt tttcgtgtca 660

ttgtgtttaa gccctctggt ggaaattaga cgcccaatgc tatttttttt agaaatcctc 720

cgtactagga catgactcta ttgatgtttt aggggcccaa cattttgctt gcgttcttcc 780

aaagtgtttg gact 794

<210> 101
<211> 747
<212> DNA
<213> Homo sapien

<220>
<221> misc_feature
<222> (637)..(637)
<223> a, c, g or t

<400> 101
gcagtggacg agctccatcg ttatacggcg cagtgtgctg gaattcggat tgggcaggta 60

catcctgtca ggaggactca taggctaagg ggattcctct tagaggtgag ctttggcagg 120

gtgggggggat gcagtggtgc agagaaagtg aaactgttct tcctaccctt atgctgtgtg 180

gtttttttttt ttttttttttt ttttctctgt gtgtgcctgt gtgtgtgtat ctatacactc 240

ccaaatgtgc gtgaaggtga gatctctata aagaattctc ctccaggagg gtatattata 300

ccacttctcg tgacatatac gctgtgacaa tatagatgtg tttgttgtgt gtgggacgca 360

gatatgatga tagaggaatt agaaaaatac tcctatacct cttctccatc tttatcgcgt 420

ggaagtctca taggctcata tatgtgtgtt tcttatatat aagaggtata agagagtgtg 480

cacaatagtg tgggaaattt ttaatcaaga gattttaaac attctacaac ccccaacgcc 540

ttttgtgata acaacttata ggtgtgatat aatataaaac tatatgtggg aaaatttata 600

aaaaaattta ttttacattt tattttgaat atataanttg tgggggttt taaaccgaga 660

aggatagagt ggtttaacat attttaaaga aagtggatat aaaagggctt aaacaaaaga 720

tgggaatttt atatttaaaa attttca 747

<210> 102
<211> 450
<212> DNA
<213> Homo sapien

<400> 102
acattattcc aacaaagaaa tattgtatat tagttaagga tattaattta aacaggctgg 60

gttctaactc caggattcaa tggaattatg agtccaagcc aggtaactaa tctaactgag 120

cttcagaaaa ctaaagctta gaaaagataa ccaataatac catatacctc tcagggcttt 180

tgctgaagat taagtgaaac aatacacgtg aaatacttag catagtgctt aacatattgt 240

taacacccca taaatggtag ctaaaaagaa aaataaatgc tcataaagtt atgttgaact 300

tatttttaa aaaatttatt ttgctttaga ttgtaagctt cttacagaca gagactttta 360

tttatttatc tttgtattgt aagggtatag cataattctt ggactaagaa gacattcaat 420

aagttttaag caaatgaatg attaaatacc 450

<210> 103
<211> 763
<212> DNA
<213> Homo sapien

<400> 103
gcgaatccga taatattact cttctgctaa aaattctatc cattgcctat tatctactct 60

gacataggag gtttgctcta atgtgacctt gctctctagt ctcatctcct cttgctcagt 120

gtcctatacc caaacacatg tagaacccag ttttacagtc tatgcctttt taggtgatat 180

ttaccatgca tccctgctca accttgtctt ttaaaacaca aatgatacca tcttctttat 240

gattttctag cttcctggaa caacaaacca ctcctcattt gtaccctcac tattaatttg 300

tacattactc cgtacattat tccaacaaag aaatattgta tattagttaa ggatattaat 360

ttaaacaggc tgggttctaa ctccaggatt caatggaatt atgagtccaa gccaggtaac 420

taatctaact gagcttcaga aaactaaagc ttagaaaaga taaccaataa taccatatac 480

ctctcagggc ttttgctgaa gattaagtga aacaatacac gtgaaatact tagcatagtg 540

cttaacatat tgttaacacc ccataaatgg tagctaaaaa gaaaaataaa tgctcataaa 600

gttatgttga acttattttt taaaaaattt attttgcttt agattgtaag cttcttacag 660

acagagactt ttatttattt atctttgtat tgtaagggta tagcataatt cttggactaa 720

gaagacattc aataagtttt aagcaaatga atgattaaat acc 763

<210> 104
<211> 722
<212> DNA
<213> Homo sapien

<400> 104
acaagctttt ttttttttt ttttttttt tttctaaaat attttctttt tttggattag 60

ggtcaaggcc tttttttgat ttcccagtct agccttcatt atctatccag gaaaaaaaaa 120

ctgtagacaa attttgttct cccatttgga atattagacc gtggttataa aacaccctct 180

tttacactct taagttatat ttctataaaa aaatatatat ttaacacaac caacacaaca 240

ttactctaca aagttccaca caagttgtgt tgttatttca ccattttaac ttctttattt 300

ctctttaaaa aatctctccc tcctattaat acctctccat ttgtgttcca cattattctt 360

ttttcaaata taccccactt gttgccggag aaaaaaaata tttctcaccc ctttaatttt 420

ctcaccactt gcttattttg ttgttctctt tcaggagaaa tttgtgtttt ctctctgctg 480

tgcgcatggg agggcaggca tcccctcgtt tacacagatt ctatttttgt tgattcccct 540

gatttttcca aaaattcctt gggcgggcaa cgacgttaac ccgaattcca acacaattgg 600

gggcgtaatt agtgaaccca gagtcgggac ccaagtttgg tgtaaccgtg ggctaagatc 660

gtccctggtt gaagtttggt atccgtccaa tttcctcaga tcaccgacga aaacggagat 720

ca 722

<210> 105
<211> 162
<212> DNA
<213> Homo sapien

<400> 105
tttcgagcgg ccgccgggca ggtactgagc actaaccata acactatatc catattaatg 60

agttaatatt ctcccagtac acttaatagc acaggtatta taatttatac tcataaaacc 120

gaggaaccaa aagagccact gagaaaaaca acttgctgac aa 162

<210> 106
<211> 476
<212> DNA
<213> Homo sapien

<400> 106
tttcgagcgg ccgccgggca gggtactgag cactaaccat aacactatat ccatattaat 60

gagttaatat tctcccagta cacttaatag cacaggtatt ataatttata ctcataaaac 120

cgaggaacca aaagagccac tgcagcatag acaactagtc tcgaccatat tacgccacag 180

gctggagttt agtggtttga tcttgggtca ctgcaacctc tacctcccgg gttcaaacta 240

ttctcatgcc tcagcctccc aaatatctgg tattacagac gtggaacacc atgcctggct 300

aatttttgta tttttagtag aaatggagtt tttacatttt tgccaggctg gtcacaaact 360

cctgacttta tgtgatcctc ccaccttggc ctcccaaatt gctgagatta caggcgcgag 420

ccaccatgcc cagcctaata tgaatgtttc ttgaatccag aagaagttat gcagag 476

<210> 107
<211> 580
<212> DNA
<213> Homo sapien

<400> 107
tacaaaagtg atactttgta tgtagacaga aaaaatagaa tagcttaata agacatatct 60

actaaagtta ttggacttca gaattaaagg aagaatcctt tggataggca gacaaaagta 120

tcacacgact caaagggtga aatagcaggc aagcagactt ctccacagca acatttgtta 180

taggagaatg gaacatggga aagaatgttt agcttcacta ataattaaag aaatgtaata 240

taagataagg caataaaatt ttaaccagat ttgcaggctt taaaaaatta taatgtgcat 300

cgtaggtaag ggtttgtggg aagagaactc tgaaacattg agaaggacta taaattgtga 360

aaacccttct ggaaggcaat acagtgacaa taagattttt aaagaatgct ttaaaaatct 420

taaaattctt tatctttagt ccaattattt caactcgtga gaattttaag gacagttatt 480

tacaaagcca aaaactattt atataccaga atcggggagg gggtcacagg gagtacgggg 540

gactgcgggc tgcgccacca caccaaatac ttttggcttc 580

<210> 108
<211> 424
<212> DNA
<213> Homo sapien

<400> 108
gttgctcatt ggtatgtctt gttttggaaa atgtctatac aattattttg cccattttaa 60

aattgagatt tattgctttt gagatgtagg agttccttat atttctgaat attaacccct 120

taccagacac atagtttgca aatattttct tttatttcat aggtcgactt tttattatgt 180

gggattggtt cttccactct ccagaaacat tttaatgtga atggcaatcc ggctggtgga 240

ttattatatt tttgctttgg tggcactttg ctttaagcat catatccaaa caattattcc 300

taagaccaat gtcaagaaga ttttcctcct atgtttcctt ttaaggagct ttataatttc 360

aggtcccgtg tgtaatcttt aaccattatg agttaatttt cgggtacctc gggcgcgagc 420

acgc 424

<210> 109
<211> 12
<212> DNA
<213> Homo sapien

<400> 109
aaaaaaaaaa aa 12

<210> 110
<211> 567
<212> DNA
<213> Homo sapien

<400> 110
tgtgctggct tcggcggttc gagcggcgcc gggcaggtac cttctgtgtg aacattccac 60

ggacagagct tcactaaatg tgtgatgaag aattgaatga atgaatgaat atgagagaaa 120

atgaataaac tggttcagat cctgggctgg aagagctgtg tatgaggatg gtgggtagag 180

gagaggtact gtttatatct atagccatat taagtcacta attgtacaca ttatggggca 240

gtgagcacag gcttatagac atgcagcacc gactaggact ttacattact aggctattac 300

gtagttgtag attagtagtg acctatgatg caagttactt aaacccatct ggtgccatgg 360

tttcttctaa tcatgataaa atggagacaa tcaagatgtc aaacggacgt ggtggctaca 420

cacattcaca atgcatgata ccaaacaaca agacaaacaa aaaccacaca cacaaaccag 480

aagccttgac gggcccgcgg gaccccaggc ccgagcccag agatacgtgg aacaaaatcg 540

ccagcacacc gaggggggca ggaaaaa 567

<210> 111
<211> 47
<212> PRT
<213> Homo sapien

<400> 111

Met Ser Cys Asn Met Leu Phe Tyr Glu Leu Met Phe Asp Leu His Tyr
1 5 10 15

Tyr Thr Leu Leu His Met Phe Ala Thr Thr Lys Lys Thr His Asn Asn
20 25 30

Lys Lys Thr Ala Thr Ala Gln Pro His Pro Pro Lys His Pro His
35 40 45

<210> 112
<211> 39
<212> PRT
<213> Homo sapien

<400> 112

Met Gly Arg Tyr Ile Tyr Asn Leu Asp Met Glu Glu Gly Glu Met Ser
1 5 10 15

Glu Asp Ser Thr Lys Phe Val Met Ser Leu Gly Asn Gly Thr Gly Asn
20 25 30

Glu Glu Thr Trp Glu Cys Ile
35

<210> 113
<211> 25
<212> PRT
<213> Homo sapien

<400> 113

Met His Thr Leu Ser Ile Tyr Asn Val Leu Ala Ile Trp Leu Val Val
1 5 10 15

Phe Ile Leu Leu Phe Ile Phe Ser Asn
20 25

<210> 114
<211> 47
<212> PRT
<213> Homo sapien

<400> 114

Met Arg Ala Thr Gly Gln Pro Leu Met Cys Thr Arg Tyr Glu Ser Leu
1 5 10 15

Ile Arg Ala Arg Thr Glu Gln His Cys Gly Leu Leu Leu Thr Arg Pro
20 25 30

Ile Lys Ser Met Val Ser Arg Ser Gln Trp His Tyr Lys Lys Ile
35 40 45

<210> 115
<211> 32
<212> PRT
<213> Homo sapien

<400> 115

Met Asn Val Gln Ile Ile Phe His Ser Ile Cys Phe Trp Glu Pro Leu
1 5 10 15

Thr Glu Phe Phe Ser Lys Met Ile Glu His Phe Leu Leu Ser Cys Arg
20 25 30

<210> 116
<211> 25
<212> PRT
<213> Homo sapien

<400> 116

Met Glu Tyr Cys Gly Glu Asn Ile Tyr Trp Leu Leu Glu Asn Ser Gln
1 5 10 15

Asn Gln Leu Gly Ser Leu Ile Pro Leu
20 25

<210> 117
<211> 32
<212> PRT
<213> Homo sapien

<400> 117

Met His Cys Cys Tyr Tyr Tyr Val Asn Asn Tyr Leu Leu Glu Leu Leu
1 5 10 15

Arg Ile Lys Asn Lys Thr Leu Lys Phe Tyr Pro Tyr Leu Phe Leu Phe
20 25 30

<210> 118
<211> 40
<212> PRT
<213> Homo sapien

<400> 118

Met Glu Asn Thr Arg Val Lys Val Gln Val Lys His Ser Glu Val Ile
1 5 10 15

Thr Met Phe His Lys Thr Ala Ala Tyr Leu Lys Ser Gln Gly Gly Glu
20 25 30

Pro His Asn Thr Trp Gly Lys Ala
35 40

<210> 119
<211> 97
<212> PRT
<213> Homo sapien

<400> 119

Met Ser Phe Leu Lys Ser Ile Ile Phe Tyr Ile Tyr Leu Pro Pro Tyr
1 5 10 15

Asp Leu Leu Leu Arg Thr Val Glu Cys Val Arg Ala Ile Met Arg Lys
20 25 30

Arg Thr Thr Asn Ser Thr Ser Ser Ala Glu Trp Val Gly Gln Pro Gln
35 40 45

Ile Ala Ser Trp Arg Ser Tyr Ala Ser Trp Ala Phe Arg Leu Ile Lys
50 55 60

Pro Trp Leu Ala Thr Tyr Leu Trp Ser Met Cys Gly Ile Leu Phe Phe

65 70 75 80

Leu Pro Val Gln Ser Ser Arg Asp Tyr Ile Leu Asp Lys Gly Gly Pro
85 90 95

Asp

<210> 120
<211> 15
<212> PRT
<213> Homo sapien

<400> 120

Met Val Ala Ser Leu Leu Asn Phe Pro Lys Tyr Leu Glu Lys Asn
1 5 10 15

<210> 121
<211> 45
<212> PRT
<213> Homo sapien

<400> 121

Met Thr Met Lys Ile Ile Gly Arg Met Arg Glu Met Arg Arg Val Arg
1 5 10 15

Ser Val Asn Asn Arg Asn Lys Pro Gln Val Pro Tyr Lys Trp Pro Pro
20 25 30

Gly Arg Ile Val Ser Asn Thr Leu Leu Tyr Arg Ser Asn
35 40 45

<210> 122
<211> 21
<212> PRT
<213> Homo sapien

<400> 122

Met Asn Ile Leu Pro Ser Gly Ser Arg Cys Gly Gln Glu Asp Gly Lys
1 5 10 15

Glu Gly Val Met Phe
20

<210> 123
<211> 37
<212> PRT

<213> Homo sapien

<400> 123

Met Phe Asn Cys His Met Lys Arg Asp Phe Val Trp Ala Gln Ile Gly
1   5   10   15

Lys Leu His His His Arg Tyr Thr Thr Gln Lys Ser Tyr Ser Glu Phe
            20   25   30

Val His Cys Gly Ser
        35

<210> 124
<211> 11
<212> PRT
<213> Homo sapien

<400> 124

Met Gly Ser Val Ala His Ala Cys Asn Pro Gln
1   5   10

<210> 125
<211> 70
<212> PRT
<213> Homo sapien

<400> 125

Met Ser Arg Gln Asn Gly Gly Tyr Ser Arg Gln Cys Arg Ala Val Leu
1   5   10   15

Gln Arg Thr Gly Glu Val Met Asp Leu Ser Leu Thr Ser Val Ser Ala
            20   25   30

Glu Phe Thr Asp Lys Arg Ile Cys Val His Arg Ser Ala Ile Thr Ser
        35   40   45

Arg Gly Ser Lys Glu Gln Glu Ser Ser Gly Asn Ile Ile Gln Ala Pro
    50   55   60

Asn Asn Thr Thr Thr Lys
65   70

<210> 126
<211> 32
<212> PRT
<213> Homo sapien

<400> 126

Met Ser Phe Ser Ser Pro Pro Asn Trp Ala Arg Asn Arg Asp Glu Ile
1 5 10 15

Asp Ala Arg Ser Asn Lys Leu Phe Ile Ile Ser Tyr Ile Leu Pro Ser
20 25 30

<210> 127
<211> 28
<212> PRT
<213> Homo sapien

<400> 127

Met Val Lys Gln Arg Asp Leu His Leu Phe Thr Phe Ile Ala Gln Leu
1 5 10 15

Ile Lys Tyr Val Phe Phe Leu Asn Arg Lys Gln Ser
20 25

<210> 128
<211> 63
<212> PRT
<213> Homo sapien

<400> 128

Met Val Thr Phe Leu Val Leu Val Ser Leu Ile Tyr Met Tyr Glu Tyr
1 5 10 15

Ile Ile Phe Phe Phe Phe Phe Phe Leu Glu Lys Lys Ser Ala Leu Gly
20 25 30

Pro Pro Gly Gly Gly Ala Gly Gly Arg Pro Ser Ser Gly His Pro Ser
35 40 45

Pro Leu Arg Gly Gln Ala Phe Leu Thr Thr Ser Ala Leu Pro Ser
50 55 60

<210> 129
<211> 33
<212> PRT
<213> Homo sapien

<400> 129

Met Thr Val Phe Asp Met Gly Val Gln Gly Gly Ile Met Asn Pro Ser
1 5 10 15

Leu Ser Phe Phe Phe Phe Glu Pro Glu Cys Cys Ser Val Thr Gln Ala
20 25 30

Gly

<210> 130
<211> 32
<212> PRT
<213> Homo sapien

<400> 130

Met Phe Cys Phe Thr Tyr Leu His Asn Asn Pro Lys His Lys Asn Lys
1 5 10 15

Lys Lys Arg Lys Lys Arg Leu Ile Ser Ile Pro Leu Leu Gln Cys Thr
20 25 30

<210> 131
<211> 49
<212> PRT
<213> Homo sapien

<400> 131

Met Asn Ser Arg Ala Arg Thr Ile Arg Gln Val Phe Trp Val Pro Lys
1 5 10 15

Phe Gly Arg Val Cys Tyr Asp Thr Leu Arg Glu Thr Ser Asn Thr Arg
20 25 30

Ser Leu Leu Ser Leu Gly Ser Asp Arg Thr Thr Ile Ser Lys Ile Ile
35 40 45

Gly

<210> 132
<211> 45
<212> PRT
<213> Homo sapien

<400> 132

Met Ile Ser Tyr Val Lys Asn Ile Phe His Asn Phe His Gln Lys Lys
1 5 10 15

Thr Leu Leu Glu Leu Ile Asn Lys Tyr Asn Lys Ala Ala Gly Ile Asn
20 25 30

Lys Asn His His Ala Lys Ile Ser His Ile Ala Thr His
35 40 45

<210> 133
<211> 19
<212> PRT
<213> Homo sapien

<400> 133

Met Gln Ser Ile His Thr Ala Ala Pro Leu Glu His Asp His Lys Pro
1 5 10 15

Gly Met Arg

<210> 134
<211> 69
<212> PRT
<213> Homo sapien

<400> 134

Met Asp Ile Leu Leu Met Phe His Glu Cys Lys Val Phe Phe Leu Leu
1 5 10 15

Tyr Leu Cys Leu Phe Ser Leu Ser Arg Met Phe Cys Ser Phe Lys Leu
20 25 30

His Val Phe Cys Pro Leu Lys Phe Ile Leu Met Leu Phe Tyr Pro Phe
35 40 45

Ser Cys Ile Ile Asp Lys Ile Val Phe Leu Phe Val Ile Val Asn Gly
50 55 60

Tyr Ser Ile Glu Met
65

<210> 135
<211> 50
<212> PRT
<213> Homo sapien

<400> 135

Met Gly Gln His Val Cys Asp Lys Met Leu Phe Lys Gly Leu Cys Pro
1 5 10 15

Thr Arg Leu Glu Cys Thr Tyr Lys Tyr Ala Arg Pro Leu Val Ser Gly
            20   25   30

Ile Leu Ala Phe Glu Asp Gly Ala Ala Arg Arg Arg Phe Gly Arg Glu
        35   40   45

Arg Cys
    50

<210> 136
<211> 23
<212> PRT
<213> Homo sapien

<400> 136

Met Arg Ile Cys Ile Leu Glu Tyr Phe Ser Asn Phe Ser Thr Arg Cys
1   5   10   15

Phe Lys Ile Gln Thr Leu Ser
            20

<210> 137
<211> 68
<212> PRT
<213> Homo sapien

<400> 137

Met Leu Tyr Leu Pro Ile Pro Val Lys Ile His Phe Thr Phe Pro Ala
1   5   10   15

Gln Leu Asn Tyr Leu Ile Ala Thr Pro Phe Met Lys Pro Phe Pro Gly
            20   25   30

Gly Asp Val Val His Val Arg Thr Ser Cys Gly Thr Cys Ser Asn His
        35   40   45

Ile Leu Ile Leu Arg Glu Pro Asn Val Ser Phe Ser Gln Val Gly Ala
    50   55   60

Glu Met Lys His
65

<210> 138
<211> 51
<212> PRT
<213> Homo sapien

<400> 138

Met Asp Gln Glu Lys Arg Gly Thr Ser Val Lys His Phe Phe Ala Gly
1 5 10 15

Phe Ile Trp Ser Phe Ser Ile Val Ser Ser Lys Pro Asp Arg Asn Tyr
20 25 30

Ile Ser Phe Tyr Thr Leu Ile Ser Lys Gly Ile Lys Asn Ile Ile Ser
35 40 45

Ile Thr Leu
50

<210> 139
<211> 53
<212> PRT
<213> Homo sapien

<400> 139

Met Val Leu Glu Ser Cys Leu Ser Ser Leu Ile Ile Glu Leu Leu Leu
1 5 10 15

Arg Phe Lys Asn Pro Cys Ser Gly Thr Lys Ser Phe Pro Gly Ser Ser
20 25 30

Thr Leu His Ser Leu Ser Thr Leu Tyr Ser Ser Ser Gln Phe Ser Phe
35 40 45

Pro Phe Pro His Tyr
50

<210> 140
<211> 31
<212> PRT
<213> Homo sapien

<400> 140

Met Ser Tyr Phe Ile Leu Ile Phe Ile Phe Gln Asn Phe Thr Lys Lys
1 5 10 15

Val Phe Lys Tyr Met Glu Asp Phe Lys Glu Leu His Ser Glu Gln
20 25 30

<210> 141
<211> 27
<212> PRT

<213> Homo sapien

<400> 141

Met Ser Ser Ile Ile Arg Phe Tyr Ile Arg Gly His Gln Thr Thr Lys
1 5 10 15

His Arg Ala Asn Gln Ala Thr Asp Ala Phe Trp
20 25

<210> 142
<211> 59
<212> PRT
<213> Homo sapien

<400> 142

Met Leu Cys Leu Arg Pro Thr Glu Asn Ile Cys Ala Gly Lys Ser Pro
1 5 10 15

Phe Gly Tyr Cys Gly Pro His Leu Val Ser Ser His Asn Leu Leu Ile
20 25 30

Pro Pro Tyr Ile Ile Lys Phe Ser Phe Gln His Cys Tyr Lys Arg Met
35 40 45

Val Gln Ala Thr Leu Cys Leu Thr Phe Leu His
50 55

<210> 143
<211> 12
<212> PRT
<213> Homo sapien

<400> 143

Met Lys Lys Ser Asn Ser Asp Ser Leu Leu Phe Phe
1 5 10

<210> 144
<211> 54
<212> PRT
<213> Homo sapien

<400> 144

Met Cys Ser Asp Lys Asn His Gly Leu Ser Leu Lys Glu Lys Thr Arg
1 5 10 15

Val Ala Val Glu Glu His Leu Val Val Ser Asp Thr Ala Thr Gln Phe
20 25 30

Ser Met Leu Thr Lys Ile Tyr Cys Val Cys Ser Gln Thr Leu Leu Ile
35 40 45

Leu Ala Ile Val Ile Ile
50

<210> 145
<211> 58
<212> PRT
<213> Homo sapien

<400> 145

Met Met Lys Pro Trp Glu Thr Gln Glu Arg His Arg Glu Val Ala Ser
1 5 10 15

Glu Ser Arg Arg Val Ala Pro Leu Arg Asn Phe Gly Leu Gly Asp Arg
20 25 30

Gly Glu Thr Leu Phe Pro Lys Lys Lys Lys Lys Lys Arg Thr Gln Ala
35 40 45

Thr Leu Asp Glu Gly Pro Pro Leu Ser Ser
50 55

<210> 146
<211> 98
<212> PRT
<213> Homo sapien

<400> 146

Met Ile Lys Ala Asp Leu Ser Asp Ile Ser Phe Pro Lys Lys Ser Ala
1 5 10 15

Leu Met Glu Tyr Thr Gly Ser Leu Leu Leu Cys Ser Gly Asp Lys Gln
20 25 30

Ala Pro Ile Lys Ala Glu Ile Asn Leu Leu Gln Leu Val Ser Lys Arg
35 40 45

His Lys Val Ser Lys Glu Lys Leu Leu Phe Cys Pro Lys Gln Val Arg
50 55 60

Tyr Leu Gly Pro Leu Met Ser Lys Lys Gly Leu Phe Ile Asn Leu Asp
65 70 75 80

Arg Val Lys Arg Ile Leu Ala Phe Leu Ser Pro Lys Thr Lys Lys Gln
85 90 95

Lys Phe

<210> 147
<211> 48
<212> PRT
<213> Homo sapien

<400> 147

Met Ser Tyr Tyr Tyr Phe Arg Asn Asn Asn Asn Asp Gly Ile Ile Tyr
1 5 10 15

Asn Asn Lys Ser Asn Phe Ser Gly Ser Ser Val Lys Lys Asn Thr Gln
20 25 30

Phe Cys Val Ser Leu His Ser Leu Ile Thr Leu His Glu Leu Ile Phe
35 40 45

<210> 148
<211> 28
<212> PRT
<213> Homo sapien

<400> 148

Met Ile Trp Gly Ser Cys Gly Phe Met Phe Arg Ser Ala Ser Phe Ala
1 5 10 15

Ala Phe Val Leu Leu Ile Pro Ser Arg Gln Asp Leu
20 25

<210> 149
<211> 96
<212> PRT
<213> Homo sapien

<400> 149

Met Gly Leu Leu Lys Asn Ser Asp Arg Asp Val Cys Val Cys Val Cys
1 5 10 15

Val Cys Val Cys Met Val Leu Cys Arg Ile Leu Leu Arg Arg Ser Ser
20 25 30

Val Tyr Ile Leu Ser Ser Pro Thr Lys Cys Gly Phe His Leu Lys Met

35 40 45

Trp Pro Val Thr Gln Ala Ser His Tyr Leu Thr Gln Ala Ile Ser Val
50 55 60

Val Leu Gln Gln Asp Arg Leu Val Ser Tyr Lys Glu Glu Met Asn Tyr
65 70 75 80

Lys Val Thr His Lys Ile Gly His Leu Ser Ile Leu Val Ala Val Lys
85 90 95

<210> 150
<211> 54
<212> PRT
<213> Homo sapien

<400> 150

Met Glu Lys Glu Ile Phe Leu Gly Leu Arg Asn Gln Gln Thr Leu Val
1 5 10 15

Trp Ala Trp Tyr Arg Val Ser Ala Gln Tyr Ile Ile Leu Asn Lys Gln
20 25 30

Ile Lys Leu Ile Ile Val Thr Leu Gly Arg Lys Gln Thr Pro Ser Gln
35 40 45

Thr Leu Lys Glu Gln Ser
50

<210> 151
<211> 47
<212> PRT
<213> Homo sapien

<400> 151

Met Cys Lys Pro Ser Cys Arg His His Phe Ser Thr Pro Phe Leu Ser
1 5 10 15

Cys Phe Gln Asp Ser Leu Cys Leu Ile Phe Asp Ser Leu Ile Ile Ile
20 25 30

Cys Leu Gly Glu Phe Leu Phe Gly Trp Asn Leu Ile Gly Gly Leu
35 40 45

<210> 152
<211> 21

<212> PRT
<213> Homo sapien

<400> 152

Met Val Ser Val Pro Ile Ser Gln Thr Asp Gly Lys Leu Val Ile Gln
1 5 10 15

Gln Val Leu Asp Arg
20

<210> 153
<211> 42
<212> PRT
<213> Homo sapien

<400> 153

Met Leu Leu Glu Ile Tyr Ser Leu Phe Pro Ser Cys Ser Ile Phe Trp
1 5 10 15

Cys Val Val Phe Gly Asn Ile Ile Tyr Asp Leu Cys Val Tyr Asp Leu
20 25 30

Phe Val Ile Phe Phe Ile Ile Tyr Cys Leu
35 40

<210> 154
<211> 30
<212> PRT
<213> Homo sapien

<400> 154

Met Asn Phe Leu Met Val Ile Asn Arg Glu Ala Lys Lys Pro Val Ser
1 5 10 15

Pro Arg Met Lys Pro Asp Ser Met Lys Arg Thr Gly Ser Trp
20 25 30

<210> 155
<211> 156
<212> PRT
<213> Homo sapien

<400> 155

Met Asp Ile Ile Ile Ile Leu Gln Gly Met Leu Lys Ile Lys Met Cys
1 5 10 15

Tyr Arg Ile Pro Ile Leu Leu Phe Leu Phe Phe Phe Leu Phe Asp Leu

20 25 30

Ile Thr Glu Lys Ser Ile Phe Ser Asp Arg Gln Lys Ser Pro Phe Tyr
35 40 45

Ser Ala His Gln Tyr His Ala His Phe Arg Leu Ser Pro Asn Met Leu
50 55 60

Ser Ser Leu Leu Ser Gly Gln Pro Pro Pro His Pro Pro Thr Thr Gln
65 70 75 80

Gln Trp Thr Thr Gly Pro His His His Asn Arg Pro Gln Thr Arg Gly
85 90 95

Asp Thr Pro His Ser Arg Gln Gly Gly Arg Thr Thr Arg Pro Tyr Lys
100 105 110

Gly Arg Thr Ala Pro Thr Gly Tyr Ala Ser Ser Arg Thr Gln Thr Gln
115 120 125

Arg Arg Ser Leu Arg Ser Gly Ala Arg Thr Ala Arg Asp Ser Trp Arg
130 135 140

Pro Leu Ser Glu Arg Leu Ser Gly Pro Thr Gln Ile
145 150 155

<210> 156
<211> 46
<212> PRT
<213> Homo sapien

<400> 156

Met Leu Phe Gln Phe Pro Ala Trp Arg Arg Lys Arg Ser Gly Asn Ile
1 5 10 15

Asn Ile Gln Tyr Val Asn Pro Ser Tyr Ser Leu Trp Phe Pro Trp Pro
20 25 30

His Ser Ile Cys Ser Phe Ser Glu Pro Leu Phe Tyr Pro Leu
35 40 45

<210> 157
<211> 24
<212> PRT
<213> Homo sapien

<400> 157

Met His Ile Ser Cys Glu Asn Pro Asn Arg Asn Leu Val Leu Ser Ser
1 5 10 15

Tyr Arg Leu Lys Leu Met Asn Thr
20

<210> 158
<211> 19
<212> PRT
<213> Homo sapien

<400> 158

Met Lys Ile Phe Phe Leu Asn Phe Leu Phe Gln Thr Phe Ser Ser Leu
1 5 10 15

His Asn Val

<210> 159
<211> 51
<212> PRT
<213> Homo sapien

<400> 159

Met His Phe Leu Glu Thr Gln Pro Arg Asn Ser Asp Leu Val Gly Leu
1 5 10 15

Lys Gln Ser Gln Val Arg Ser Leu Phe Lys Trp Glu Cys Phe Phe Val
20 25 30

Leu Gly Phe Gly Phe Glu Phe Phe Gly Gly Val Val Tyr Ser Leu Glu
35 40 45

Asn Ser Val
50

<210> 160
<211> 91
<212> PRT
<213> Homo sapien

<400> 160

Met Lys Tyr Leu His Leu His Phe His Ser Asn Asn Glu Val His Ser
1 5 10 15

```
Ile Lys Ala Glu Cys Leu Ile Ser Phe Pro Leu Pro Ser Ser Leu Leu
            20                  25                  30

Leu Leu Ser Ile His Phe Pro Val Lys Pro Pro Ser Phe Pro Ser Phe
        35                  40                  45

Cys Ser Thr Pro Gln Ile Leu Leu Ser Val Val Ile His Phe Leu Tyr
    50                  55                  60

Phe Phe Leu Ile Pro Ser Lys Ser Leu Thr Ser Ala Thr Phe Ile Phe
65                  70                  75                  80

Phe Leu Leu Leu Leu His His Pro Cys Phe Leu
                85                  90
```


<210> 161
<211> 46
<212> PRT
<213> Homo sapien

<400> 161

```
Met Asn Phe Asn Asn Val Asn Phe His Asp Lys Asn Leu Tyr Glu Gly
1               5                   10                  15

Ala Gly Asn Leu Gln Gln Pro Ile Ser Cys Ile Phe Val His Ser Asp
            20                  25                  30

Cys Ile Ile Met Ile Arg Lys Asn Ala Ser Ser Tyr Asn Tyr
        35                  40                  45
```

<210> 162
<211> 53
<212> PRT
<213> Homo sapien

<400> 162

```
Met Phe Lys Arg Lys Ser Val Asn Trp Lys Asn Ser Arg Ile Leu Asn
1               5                   10                  15

Asn Phe Arg Ile Met Gly Met Leu Lys Ser Ala Met Asp Lys Cys Lys
            20                  25                  30

Phe Pro Asn Leu Lys Lys Lys Lys Arg Asn Leu Arg His Phe Trp Ser
        35                  40                  45

Gln Val Phe Arg Ile
```

50

<210> 163
<211> 22
<212> PRT
<213> Homo sapien

<400> 163

Met Cys Ile Gly Ser Gln Ile Ile Leu Asp Phe Arg Cys Gly Ile Thr
1 5 10 15

Phe Thr Leu Gln Ser Arg
20

<210> 164
<211> 62
<212> PRT
<213> Homo sapien

<400> 164

Met Ile Tyr Gly Ala Val Cys Cys Asn Arg Leu Arg Ala Ala Pro Gly
1 5 10 15

Gln Val Pro Gly Ser Ser Ala Leu Thr Pro Thr Leu Leu His Ser Gly
20 25 30

Asn Phe Ser Leu Glu Thr Met Val Gln Gln His Gly Ala Ile Ser Ile
35 40 45

Ile Ile Tyr Gly Ile Ala Leu Gln His Ser Trp His Ser Gln
50 55 60

<210> 165
<211> 48
<212> PRT
<213> Homo sapien

<400> 165

Met Val Pro Tyr Pro Leu Ser His His Ser Leu Pro His Phe Ser Lys
1 5 10 15

Ser Val Ser Phe Thr Trp Thr Pro Phe Leu Ser Leu Thr Trp Phe Tyr
20 25 30

Gln Val Ser Ser Thr Cys Pro Ala Ser Ala Arg Ile Thr Asp Phe Gly
35 40 45

<210> 166
<211> 59
<212> PRT
<213> Homo sapien

<400> 166

Met Ile Leu Ile Thr Asn Asn Arg Phe His Arg Asn Gly Ala Ser Ser
1 5 10 15

Phe Pro Thr Thr Ser Thr Tyr Thr Val Ala Tyr Gln Ser Ser Thr Asn
20 25 30

Val Gly Val Asn Tyr Gln Gly Phe Ile Ser Tyr Ile Phe Ser Gly Val
35 40 45

Arg Arg Ser Gly Val Gly Lys Ser His Pro Thr
50 55

<210> 167
<211> 128
<212> PRT
<213> Homo sapien

<400> 167

Ala Phe Ala Arg Ile Ile Glu Gln Asp Ala Val Val Ser Glu Arg Gly
1 5 10 15

Lys Asn Trp Gly Leu Ser Ser Val Tyr Lys Gln Gln Trp Phe Ala Met
20 25 30

Leu Arg Ala Glu Gln Asp Ser Glu Val Gly Pro Gln Glu Ile Asn Lys
35 40 45

Glu Glu Leu Glu Gly Asn Ser Met Arg Cys Gly Arg Lys Leu Ala Lys
50 55 60

Asp Gly Glu Tyr Cys Trp Arg Trp Thr Gly Phe Asn Phe Gly Phe Asp
65 70 75 80

Leu Leu Val Thr Tyr Thr Asn Arg Tyr Ile Ile Phe Lys Arg Asn Thr
85 90 95

Leu Asn Gln Pro Cys Ser Gly Ser Val Ser Leu Gln Pro Arg Arg Ser
100 105 110

Ile Ala Phe Arg Ala Asp Glu Ile Ser Pro Pro His Ser Ser Ser Leu
115 120 125

<210> 168
<211> 25
<212> PRT
<213> Homo sapien

<400> 168

Met Ser Tyr Asn Arg Ser Val Ser Ile Leu Leu Trp Glu Gln Gly Ile
1 5 10 15

Ile Gly Lys Glu Lys Leu Glu Asn Pro
20 25

<210> 169
<211> 77
<212> PRT
<213> Homo sapien

<400> 169

Met Ile Lys Val Gly Leu Phe His Ser Pro Cys Asp Val Ser Arg Leu
1 5 10 15

Ser Ser Ala Thr Cys Ile Glu Arg Arg Ser Cys Tyr Thr Glu Met Ala
20 25 30

Leu Tyr Leu Cys Glu Lys Ser Asn Trp Leu Leu Phe Leu Val Asp His
35 40 45

Val Ser Gly Leu Trp Tyr Ser Cys Ser Asn Ile Ser Val Phe Leu Thr
50 55 60

Ser Leu Thr Ile Pro His Tyr Leu Thr Tyr Tyr Ser Cys
65 70 75

<210> 170
<211> 150
<212> PRT
<213> Homo sapien

<400> 170

Tyr Lys Val Asn Leu Gln Lys Ser Thr Thr Ser Lys Ala Val Glu Asn
1 5 10 15

Ala Ile His Lys Thr Phe Ile Ile Ala Ser Lys Lys Arg Lys Tyr Ser
20 25 30

Glu Ile Asn Leu Thr Lys Ile Val Ala Asp Leu Tyr Ile Lys Asn Tyr
35 40 45

Glu Ile His Val Arg Glu Ile Lys Glu Asn Leu Asn Arg Arg His Ile
50 55 60

Pro Cys Ser Trp Ile Gly Arg Val Ser Ile Val Lys Met Pro Met Leu
65 70 75 80

Pro Lys Leu Ile Tyr Ala Tyr Val Thr Ile Ser Ile Lys Ile Pro Ala
85 90 95

Gly Ile Phe Val Asp Ile Gly Gln Lys Leu Ile Leu Lys Phe Ile Trp
100 105 110

Lys Lys Arg Thr Arg Ile Ala Arg Thr Ile Leu Arg Lys Asn Lys Ile
115 120 125

Glu Arg Phe Thr Leu Phe Asp Ile Lys Ser Tyr Phe Asn Ala Val Val
130 135 140

Gly Lys Ile Met Trp Tyr
145 150

<210> 171
<211> 48
<212> PRT
<213> Homo sapien

<400> 171

Met Cys Phe Cys Gly Pro Asn Lys Leu Cys Pro Lys Pro Leu Tyr Val
1 5 10 15

Leu Gln Ala Cys Gly Ile Val Leu Lys Ile Ile Tyr Ile Pro Pro Lys
20 25 30

Ile Ile His Thr Ser Leu Ser Pro Phe Ser Leu Arg Arg Arg Asp Ile
35 40 45

<210> 172
<211> 55
<212> PRT
<213> Homo sapien

<400> 172

Met Phe Phe Leu Tyr Cys Pro Ser Ile Ser Ile Phe Leu Gly Leu Thr
1 5 10 15

Ser Val Phe Cys Phe Asn Glu Thr Phe Pro Leu Asp Ile Pro Pro Tyr
20 25 30

Gly Asn Gly Phe Met Val Ala Pro Ala Glu Ala Val Pro Arg Gln Pro
35 40 45

Glu Cys Gln His Thr Ala Pro
50 55

<210> 173
<211> 34
<212> PRT
<213> Homo sapien

<400> 173

Met Val Ser Val Ala Leu Thr Pro Arg Cys His Tyr Asn Arg Ser Ser
1 5 10 15

Gly Asp Cys Ile Lys Met Ser Gly Cys Gly Gly Val Pro Val Arg Phe
20 25 30

Tyr Leu

<210> 174
<211> 35
<212> PRT
<213> Homo sapien

<400> 174

Met Ile Gln Lys His Gly Ser Pro His Ile His Pro His Thr Gln Met
1 5 10 15

Lys Ser Ala Glu Met Val Leu Ile Lys Ala Asn Val Lys Phe Ile Phe
20 25 30

Pro Tyr Ile
35

<210> 175
<211> 72
<212> PRT
<213> Homo sapien

<400> 175

Met Trp Ser Glu Tyr His Leu Pro Thr Arg Gly Ala Pro Met Pro Pro
1 5 10 15

Gly Tyr Pro Pro Arg Trp Phe Pro Arg Val Gly Val Pro Leu Val Thr
20 25 30

Ala Arg Pro Val Cys Trp Asp Ser Gly Leu Cys Arg Gly Leu Pro Ala
35 40 45

Arg Gly Thr Pro Arg Leu His Leu Leu Pro Leu Val Ser Val Gly Met
50 55 60

Pro Cys Cys Pro His Arg Thr Pro
65 70

<210> 176
<211> 126
<212> PRT
<213> Homo sapien

<400> 176

Met Gly Thr Tyr Phe Asn Asn Asn Lys Gln Thr Tyr Arg Thr Asn Asn
1 5 10 15

Thr His Arg Leu Asp Thr Ile Tyr His Met Thr Cys Arg Trp Ala Pro
20 25 30

Thr Arg His Gly Gln Val His Phe Pro Val Leu Asn Met Thr Trp Ala
35 40 45

Gln Arg Thr Arg Gly Ser Ala Pro Ser Phe Ile Thr Tyr Leu Leu Thr
50 55 60

Cys Asp Ser Val Ser Trp Val Trp Asp Thr Val Cys Ser Arg Pro Gly
65 70 75 80

Arg Ala Lys Phe Tyr Glu Pro Arg Arg Arg Lys Arg Asp Lys Leu Glu
85 90 95

Arg Arg Cys Thr Ser Lys Cys Asp Ala Glu Glu Arg Lys Arg Ser Val
100 105 110

Leu Tyr Val Ile Ser Ser Gly Trp Ala Arg Thr Asp Gln Leu

115 120 125

<210> 177
<211> 64
<212> PRT
<213> Homo sapien

<400> 177

Met Ile Ala Ile His Ser Leu Phe Asn Phe Trp Glu Pro Trp Gly Gly
1 5 10 15

Pro Arg Arg Thr Val Leu Cys Cys Val Arg Ile Tyr Lys Gly Leu Leu
20 25 30

Glu Ser Asp Ile Trp Ser Lys Gln Asp Arg Leu Ser His Arg Lys Ile
35 40 45

Phe Phe Ser Val Leu Gln Ile Lys Lys Leu Arg Asn Thr Val Ile Met
50 55 60

<210> 178
<211> 85
<212> PRT
<213> Homo sapien

<400> 178

Met Gly Glu Met Ile Gly Val Ala Lys Tyr Pro Gly Gly Pro Arg Arg
1 5 10 15

Pro Leu Ile Thr Val Ser Cys Phe Ile Trp Gly Val Arg Glu Ser Lys
20 25 30

Leu Cys Asp Gln Ile Cys Glu Phe Leu Val Lys Phe Gln Leu Thr Ser
35 40 45

Arg Phe Thr Pro Gln Ala Ile Thr Leu Leu His Leu Val Thr Thr Lys
50 55 60

Gly Ser Phe Ser Asn Phe Phe Leu Pro Thr Phe Pro Leu Leu Thr Leu
65 70 75 80

Phe Phe Thr Lys Phe
85

<210> 179
<211> 34

<212> PRT
<213> Homo sapien

<400> 179

Met His Ile Tyr Ser Thr Phe Phe Ser Tyr Leu Thr Asn Lys Tyr Thr
1 5 10 15

Glu His Tyr Val Tyr Asn Val Leu Leu Arg Pro Ile Thr Tyr Arg Asn
20 25 30

Ala Ile

<210> 180
<211> 42
<212> PRT
<213> Homo sapien

<400> 180

Met Tyr His Asn Gly Arg Asn Pro Arg Lys Pro Pro Asp Pro Gly Val
1 5 10 15

Phe Thr Leu Val Arg Thr Asn Phe Lys Glu Val Leu Val Leu Gln Lys
20 25 30

Arg Glu Leu Lys Ala Lys Lys Pro Thr Gly
35 40

<210> 181
<211> 45
<212> PRT
<213> Homo sapien

<400> 181

Met Asp Arg Asn Val Met Asp Ser Asn Gly Met Gly Trp Val Glu Met
1 5 10 15

Gly Leu Asp Arg Met Gly Ile Glu Arg Glu Trp Asn Ala Met Lys Trp
20 25 30

Asn Gly Leu Asp Gln Asn Gly Leu Glu Arg Asn Val Pro
35 40 45

<210> 182
<211> 54
<212> PRT
<213> Homo sapien

<400> 182

Met Cys Trp Asn Ser Ala Trp Ala Gly Thr Ile Asn Asn Tyr Thr Arg
1 5 10 15

Thr Thr Gly Val Asn His Asp Ile Ser Pro Thr Asn Arg Asp Asn Met
20 25 30

Val Thr Phe Leu Arg Gly Ser His Arg Glu Gln Tyr Pro Leu Leu Phe
35 40 45

Gln Asn Leu Phe Tyr Phe
50

<210> 183
<211> 112
<212> PRT
<213> Homo sapien

<400> 183

Met Val Leu Gly Glu Ala Cys Asp Ser Gly Asp Cys Arg Glu Gly Tyr
1 5 10 15

Arg Cys Gly Gly Asn Asp Leu Ile Gly Ser Lys Val Val Gln Asp Cys
20 25 30

Phe Ala Leu Gly Trp Leu Val Leu Ser Asn Glu Ser Gly Ile Gly Thr
35 40 45

Lys Asp Val Leu Val Val Ser Arg Gly Lys Val Glu Asp Ala Leu Ser
50 55 60

Pro Glu Asp Gly Asp Arg Asp His Glu Leu Val Glu Glu Glu Arg Arg
65 70 75 80

Arg Ala Arg Val Trp Arg Gln Ile Cys Gly Ala Arg Ser Cys Lys Ser
85 90 95

Arg Arg Gly Cys Gly Trp Ser Val Asp Thr Pro Leu Cys Arg Trp Glu
100 105 110

<210> 184
<211> 71
<212> PRT
<213> Homo sapien

<400> 184

Met Phe Ile Ser Leu Cys Val Asp Asn Thr Gly Glu Gly Leu Trp Tyr
1 5 10 15

Asn Val Thr Phe His Ser Val Gly Ser Gly Ala Ile Ala Ala Leu Leu
20 25 30

Pro Tyr Val Cys Gly Cys Val Lys Asp Leu Thr His Phe Phe Ser Met
35 40 45

Asn Thr Ser Glu Ile Ile Ser Ile Asn Ser Gly Lys Tyr Leu Ser Asn
50 55 60

Asn Ile Asn Glu Asn Ser Arg
65 70

<210> 185
<211> 49
<212> PRT
<213> Homo sapien

<400> 185

Met Trp Thr Tyr Cys Ile Lys Gln Cys Leu Met Leu Asn Leu Cys Lys
1 5 10 15

Arg Leu Trp Leu Lys Tyr Asn Ser Leu Val Cys Phe Lys Pro Cys Glu
20 25 30

Phe Phe Cys Met Cys Leu Val Asn Gly Thr Ile Tyr Ile Val Phe Phe
35 40 45

Ser

<210> 186
<211> 141
<212> PRT
<213> Homo sapien

<400> 186

Met Tyr Ile Trp Val Asn Arg Ser Asn Lys Gly Asn Gln Tyr Thr His
1 5 10 15

His Cys Lys His Leu Leu Phe Val Val Cys Ser Glu Asn Ile Gln Asn
20 25 30

Pro Phe Leu Phe Leu Gly Ser Met Phe His Ile Pro Cys His Trp Ser
35 40 45

Tyr Val Phe Val Phe Leu Cys Gln Tyr His Val Ala Phe Asp Thr Val
50 55 60

Thr Leu Gly Tyr Thr Phe Glu Ser Gln Gly Ser Thr Glu Cys Leu Gln
65 70 75 80

Leu Phe Ile Ile Phe Ile Cys Val His Gln Thr Ile Leu Phe Glu Thr
85 90 95

Ile Thr Pro Gln Pro Ile Tyr Tyr Arg Leu Pro Phe Asn Asn Thr Thr
100 105 110

Thr His Phe Tyr Lys Gln Tyr Ile Lys Lys Gln Leu Leu Tyr Ile Tyr
115 120 125

Pro Leu Tyr Thr Gln Lys Met Cys Asn Glu Cys Gly Lys
130 135 140

<210> 187
<211> 49
<212> PRT
<213> Homo sapien

<400> 187

Met Gly Leu Asp Cys Asp Pro Leu Arg Cys Gln Gly Tyr Val Asn Val
1 5 10 15

Lys Ser His Leu Cys Ser Lys Phe Phe Ile Tyr Thr Gly Glu Leu Leu
20 25 30

Ser Ile Lys Ile Gln Val Ser Thr Tyr Val Val Gly Ser Gly Tyr Arg
35 40 45

Val

<210> 188
<211> 150
<212> PRT
<213> Homo sapien

<400> 188

Met Ser Lys Lys Lys His Ile Gln Lys Asn Gly Glu Glu Glu Lys Glu
1 5 10 15

Glu Glu Glu Glu Arg Ala Arg Gly Arg Lys Gly Glu Arg Lys Arg Lys
20 25 30

Lys Lys Arg Asp Ile Gly Glu Glu Glu Asn Lys Glu Lys Arg Lys Arg
35 40 45

Arg Gly Glu Glu Lys Gly Arg Glu Glu Arg Lys Lys Gly Gly Ser Lys
50 55 60

Glu Gly Ala Arg Arg Thr Ala Glu Lys Arg Arg Gly Leu Arg Gly Arg
65 70 75 80

Ser Gly Lys Lys Arg Arg Gly Gly Gly Gly Thr Arg Arg Arg Asp Arg
85 90 95

Gly Arg Arg Glu Arg Glu Arg Thr Glu Glu Arg Arg Arg Arg Gly Lys
100 105 110

Thr Lys Arg Gln Gln Thr Arg Glu Gln Asp Lys Glu Arg His Asp Glu
115 120 125

Val Arg Arg Glu Lys Gly Glu Arg Gln Lys Arg Lys Arg Val Ile Arg
130 135 140

Glu Lys Trp Arg Ser Gln
145 150

<210> 189
<211> 41
<212> PRT
<213> Homo sapien

<400> 189

Met Arg Thr Leu Tyr Lys Asn Lys Phe Phe Lys Glu Leu Ile Leu Asn
1 5 10 15

Cys Ile Leu Gln Val Asn Phe Thr Lys Gly Arg Asn Leu Ser Tyr Arg
20 25 30

Leu Ser Lys Thr Tyr Cys Lys Ala Thr
35 40

<210> 190
<211> 60
<212> PRT
<213> Homo sapien

<400> 190

Met Cys Arg Val His Ser Pro His Phe Leu Val Arg Ser Asp Phe Asp
1 5 10 15

Ile Ser Ser Val Lys Met Glu Leu Ser Thr Pro Ser Phe Ile Ser Lys
20 25 30

Ala Thr Cys Gly Gly Gln Leu Val Val Ala His Ala Cys Asn His Ser
35 40 45

Pro Ser Gly Arg Pro Thr Cys Pro Tyr Arg Ile Ala
50 55 60

<210> 191
<211> 24
<212> PRT
<213> Homo sapien

<400> 191

Met Lys Asp Ser Lys Asp Gly Ile Lys Lys Ser Arg Gly Ser Gln Gly
1 5 10 15

Asn Leu Val Ser Cys Arg Leu Val
20

<210> 192
<211> 44
<212> PRT
<213> Homo sapien

<400> 192

Met Ile Thr Leu Trp Ser Gln Cys Cys Leu Leu Leu Tyr Phe Tyr Phe
1 5 10 15

Val Val Trp Leu Phe Ser Tyr Leu Leu Asp Ser Phe Ile Arg Asn Ile
20 25 30

Val Val Ala Ile Leu Ile Leu Thr Gly Arg Asp Cys
35 40

<210> 193
<211> 33

<212> PRT
<213> Homo sapien

<400> 193

Met Ser Asn Glu Ile Glu Thr Val Ile Lys Ser Leu Pro Lys Lys Lys
1   5   10   15

Ser Pro Thr Leu Asp Asn Phe Thr Ala Glu Phe Tyr Glu Asn Phe Lys
            20   25   30

Val

<210> 194
<211> 71
<212> PRT
<213> Homo sapien

<400> 194

Met Thr Arg Lys Met Lys Glu Gly Trp Gly Lys Lys Lys Asn Ser Gly
1   5   10   15

Thr Arg Arg Lys Val Arg Val Pro Ile Asp Thr Ser Asn Leu Phe Gly
            20   25   30

Val Lys Lys Thr Ile Asn Val Leu Thr Lys Ala Val Phe Thr Lys Ser
        35   40   45

Pro Cys Ile Lys Gly Lys Met Leu Ile Tyr Phe His Asn Leu Cys Asn
    50   55   60

Thr Ser Lys Asp Asn Phe Phe
65   70

<210> 195
<211> 34
<212> PRT
<213> Homo sapien

<400> 195

Met Leu Ser Thr Met Leu Ser Ile Ser Arg Val Leu Phe His Leu Ile
1   5   10   15

Phe Ser Lys Ser Pro Glu Arg Tyr Met Val Leu Leu Val Ile Phe Ser
            20   25   30

Lys Leu

<210> 196
<211> 26
<212> PRT
<213> Homo sapien

<400> 196

Met Trp Asn Thr Asn Gly Glu Val Leu Ile Gly Gly Arg Asp Phe Leu
1 5 10 15

Lys Arg Asn Lys Glu Val Lys Met Val Lys
20 25

<210> 197
<211> 35
<212> PRT
<213> Homo sapien

<400> 197

Met Ser Ala Ser Cys Phe Ser Gln Trp Leu Phe Trp Phe Leu Gly Phe
1 5 10 15

Met Ser Ile Asn Tyr Asn Thr Cys Ala Ile Lys Cys Thr Gly Arg Ile
20 25 30

Leu Thr His
35

<210> 198
<211> 90
<212> PRT
<213> Homo sapien

<400> 198

His Ile Thr Pro Gln Ala Gly Val Ala Trp Phe Asp Leu Gly His Cys
1 5 10 15

Asn Leu Tyr Leu Pro Gly Ser Asn Tyr Ser His Ala Ser Ala Ser Gln
20 25 30

Ile Ser Gly Ile Thr Asp Val Glu His His Ala Trp Leu Ile Phe Val
35 40 45

Phe Leu Val Glu Met Glu Phe Leu His Phe Cys Gln Ala Gly His Lys
50 55 60

Leu Leu Thr Leu Cys Asp Pro Pro Thr Leu Ala Ser Gln Ile Ala Glu
65 70 75 80

Ile Thr Gly Ala Ser His His Ala Gln Pro
85 90

<210> 199
<211> 48
<212> PRT
<213> Homo sapien

<400> 199

Met Cys Ile Val Gly Lys Gly Leu Trp Glu Glu Asn Ser Glu Thr Leu
1 5 10 15

Arg Arg Thr Ile Asn Cys Glu Asn Pro Ser Gly Arg Gln Tyr Ser Asp
20 25 30

Asn Lys Ile Phe Lys Glu Cys Phe Lys Asn Leu Lys Ile Leu Tyr Leu
35 40 45

<210> 200
<211> 53
<212> PRT
<213> Homo sapien

<400> 200

Met Ala Ile Arg Leu Val Asp Tyr Tyr Ile Phe Ala Leu Val Ala Leu
1 5 10 15

Cys Phe Lys His His Ile Gln Thr Ile Ile Pro Lys Thr Asn Val Lys
20 25 30

Lys Ile Phe Leu Leu Cys Phe Leu Leu Arg Ser Phe Ile Ile Ser Gly
35 40 45

Pro Val Cys Asn Leu
50

<210> 201
<211> 102
<212> PRT
<213> Homo sapien

<400> 201

Met Gln His Arg Leu Gly Leu Tyr Ile Thr Arg Leu Leu Arg Ser Cys
1 5 10 15

Arg Leu Val Val Thr Tyr Asp Ala Ser Tyr Leu Asn Pro Ser Gly Ala
20 25 30

Met Val Ser Ser Asn His Asp Lys Met Glu Thr Ile Lys Met Ser Asn
35 40 45

Gly Arg Gly Gly Tyr Thr His Ser Gln Cys Met Ile Pro Asn Asn Lys
50 55 60

Thr Asn Lys Asn His Thr His Lys Pro Glu Ala Leu Thr Gly Pro Arg
65 70 75 80

Asp Pro Arg Pro Glu Pro Arg Asp Thr Trp Asn Lys Ile Ala Ser Thr
85 90 95

Pro Arg Gly Ala Gly Lys
100